

# AGRICULTURAL STATISTICS 1980



United States Department of Agriculture





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UNITED STATES  
DEPARTMENT OF AGRICULTURE

AGRICULTURAL  
STATISTICS  
1980

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# Agricultural Statistics, 1980

*Agricultural Statistics* 1980 was prepared under the direction of PAUL A. WALSH, Chief, Data Services Branch, Economics and Statistics Service. EILEEN JOHNSON was responsible for coordination and technical editorial work.

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## Introduction

*Agricultural Statistics* is published each year to meet the diverse needs for a reliable reference book on agricultural production, supplies, consumption, facilities, costs, and returns. Its tables of annual data cover a wide variety of facts in forms suited to most common use.

Inquiries concerning more current or more detailed data, past and prospective revisions, or the statistical methodology used should be addressed directly to the agency credited with preparing the table. Most of the data were prepared or compiled in the U.S. Department of Agriculture. A few tables were prepared in other Government Agencies.

The historical series in this volume have been generally limited to data beginning with 1965 or later.

Agricultural data for Alaska and Hawaii are included in the appropriate tables, where available. Certain statistics for Alaska are found in Chapter XIV.

Foreign agricultural trade statistics include Government as well as non-Government shipments of merchandise from the United States and Territories to foreign countries. They do not include U.S. shipments to the U.S. Armed Forces abroad for their own use or shipments between the States and U.S. Territories. The world summaries of production and trade of major farm products are prepared by the U.S. Department of Agriculture from reports of the U.S. Department of Commerce, official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, and the result of office research.

Statistics presented in many of the tables represent actual counts of the items covered. Most of the statistics relating to foreign trade and to Government programs, such as numbers and amounts of loans made to farmers, and amounts of loans made by the Commodity Credit Corporation, etc., are data of this type. A large number of other tables, however, contain data that are estimates made by the Department of Agriculture.

The estimates for crops, livestock, and poultry made by the U.S. Department of Agriculture are prepared mainly to give timely current State and national totals and averages. They are based on data obtained by sample surveys of farmers and of people who do business with farmers. The survey data are supplemented by information from the Censuses of Agriculture taken every 5 years and check data from various sources. Being estimates, they are subject to revision as more data become available from commercial or Government sources. Unless otherwise indicated, the totals for the United States shown in the various tables on area, production, numbers, price, value, supplies, and disposition are based on official Department estimates. They exclude States for which no official estimates are compiled.

### DEFINITIONS

"Value of production" as applied to crops in the various tables, is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, quantities not harvested because of low prices or other economic factors are not included in value of production. The word "Value" is used in the inventory tables on livestock and poultry to mean value of the number of head on the inventory date. It is derived by multiplying the number of head by an estimated value per head as of that date.

The word "Year" (alone) in a column heading means calendar year unless otherwise indicated. "Ton" when used in this book without qualifications means a short ton of 2,000 pounds.

Where note reference has been made to Economics, Statistics, and Cooperatives Service these should be changed to Economics and Statistics Service. Cooperatives is now Agricultural Cooperative Service. This change was effective October 1, 1980.

**WEIGHTS, MEASURES, AND CONVERSION FACTORS**

The following table on weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked of the U.S. Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The information has been assembled from State schedules of legal weights, various sources within the U.S. Department of Agriculture, and other Government agencies. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume due to differences in variety or size of commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort has been made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point of origin weight or weight at harvest has been used.

The approximate or average weights as given in this table do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weight. The table was prepared chiefly for use of workers in the U.S. Department of Agriculture who have need of conversion factors in statistical computations.



WEIGHTS, MEASURES, AND CONVERSION FACTORS  
(See explanatory text just preceding this table)

WEIGHTS AND MEASURES

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		<i>Pounds</i>	<i>Kilograms</i>			<i>Pounds</i>	<i>Kilograms</i>
Alfalfa seed .....	Bushel .....	60	27.2	Celery .....	Crate <sup>11</sup> .....	60	27.2
	{ do .....	48	21.8	Cherries .....	{ Lug (Campbell) <sup>12</sup> .....	16	7.3
Apples .....	Northwest box <sup>2</sup> .....	44	20.0		{ Lug .....	20	9.1
	Fiberboard box, cell pack .....	37-44	16.8-20.0	Clover seed ...	Bushel .....	60	27.2
Apricots .....	Lug (Brentwood) <sup>3</sup> .....	24	10.9	Corn:	Bushel .....	13 70	31.8
Western .....	4-basket crate <sup>4</sup> .....	26	11.8	Ear, husked .....	do .....	56	25.4
Artichokes:				Shelled .....	do .....	50	22.7
Globe .....	1/2-box .....	20	9.1	Meal .....	Gallon .....	10 7.7	3.5
Jerusalem .....	Bushel .....	50	22.7	Oil .....	do .....	11.72	5.3
Asparagus .....	Crate .....	30	13.6	Sirup .....	{ Mesh or paper bag .....	45-50	20.4-22.7
Avocados .....	Lug <sup>5</sup> .....	12-15	5.4-6.8	Sweet .....	{ Wirebound crate .....	40-60	18.1-27.2
Bananas .....	Fiber folding box <sup>6</sup> .....	40	18.1	Cotton .....	{ Bale, gross .....	14 500	227
Barley .....	Bushel .....	48	21.8		{ Bale, net .....	14 480	218
Beans:				Cottonseed ...	Bushel .....	15 32	14.5
Lima, dry .....	do .....	56	25.4	Cottonseed oil .....	Gallon .....	10 7.7	3.5
Other, dry .....	Sack .....	60	27.2	Cowpeas .....	Bushel .....	60	27.2
Lima, unshelled .....	Bushel .....	28-32	12.7-14.5	Cranberries ...	{ Barrel .....	100	45.4
Snap .....	do .....	28-32	12.7-14.5		{ 1/4-bbl. box <sup>16</sup> .....	25	11.3
Beets:				Cream, 40-percent butterfat ...	Gallon .....	8.38	3.80
Without tops ..	do .....	50	22.7	Cucumbers .....	Bushel .....	48	21.8
Bunched .....	Wirebound crate .....	45	20.4	Dewberries ...	24-qt. crate .....	36	16.3
Berries, frozen pack:				Eggplant .....	Bushel .....	33	15.0
Without sugar .....	50-gal. barrel ..	380	172	Eggs, average size .....	Case, 30 dozen .....	47.0	21.3
3 + 1 pack ....	do .....	425	193	Escarole .....	Bushel .....	25	11.3
2 + 1 pack ....	do .....	450	204	Figs, fresh ...	Box, single layer <sup>17</sup> .....	6	2.7
Blackberries .....	24-qt. crate ...	36	16.3	Flaxseed .....	Bushel .....	56	25.4
Bluegrass seed .....	Bushel .....	14-30	6.4-13.6	Flour, various .....	Bag .....	100	45.4
Broccoli .....	Wirebound crate .....	20-25	9.1-11.3	Grapefruit:			
Broomcorn (6 bales per ton) .	Bale .....	333	151	Florida and Texas .....	1/2-box mesh bag .....	40	18.1
Broomcorn seed ..	Bushel .....	44-50	20.0-22.7	Florida .....	1 3/4 bu. box .....	85	38.6
Brussels sprouts ..	Drums .....	25	11.3	Texas .....	1 3/4 bu. box .....	80	36.3
Buckwheat .....	Bushel .....	48	21.8	California Desert Valleys and			
Butter .....	Box .....	64	29.0	Arizona ..	{ Box <sup>18</sup> .....	19 64	29.0
	Open mesh bag .....	50	22.7		{ Carton <sup>20</sup> .....	32	14.5
Cabbage .....	Wirebound crate <sup>7</sup> .....	50	22.7	California other than Desert Valleys .....	{ Box <sup>18</sup> .....	67	30.4
	Western crate <sup>8</sup> .....	80	36.3		{ Carton <sup>20</sup> .....	33 1/2	15.2
Cantaloups .....	Jumbo crate <sup>9</sup> ..	83	37.6	Grapes:			
Carrots:				Eastern .....	{ 4-qt. climax basket .....	6	2.7
Without tops ..	Bushel .....	50	22.7		{ 12-qt. basket ..	18-20	8.2-9.1
	Open mesh bag .....	50	22.7		{ Lug <sup>21</sup> .....	28	12.7
Castor beans .....	Bushel .....	41	18.6	Western ...	{ 4-basket crate <sup>22</sup> .....	20	9.1
Castor oil .....	Gallon .....	19 8	3.6		Bushel .....	44	20.0
	W.G.A. crate ..	50-60	22.7-27.2	Hempseed .....	do .....	50	22.7
	Fiberboard box, wrapper leaves removed, film-wrapped, 2 layers .....	23-35	10.4-15.9	Hickory nuts ..	Gallon .....	11.84	5.4
				Honey .....			
				Honeydew melons .....	Jumbo crate <sup>23</sup> ..	44	20.0
				Hops .....	Bale, gross .....	200	90.7

See footnotes on page IX.

## WEIGHTS AND MEASURES—Continued

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		<i>Pounds</i>	<i>Kilograms</i>			<i>Pounds</i>	<i>Kilograms</i>
Horseradish roots	{ Bushel ..... Barrel .....	35 100	15.9 45.4	Pears:			
Hungarian millet seed	Bushel .....	48 and 50	21.8-22.7	California ..	Bushel .....	48	21.8
Kale ..do	..do .....	18	8.2	Other .....	..do .....	50	22.7
Kapok seed ..do	..do .....	35-40	15.9-18.1	Western ..	Box <sup>27</sup> .....	46	20.9
Lard ..Tierce	.....	375	170	Peas:			
Lemons:				Green, unshelled ..	Bushel .....	28-30	12.7-13.6
California and Arizona	{ Box <sup>24</sup> ..... Carton <sup>20</sup> .....	19 76 38	34.5 17.2	Dry .....	{ ..do .....	60	27.2
Lentils .....	Bushel .....	60	27.2	Peppers, green	Fiberboard carton .....	25-30	11.3-13.6
Lettuce .....	Fiberboard box, carton	38-55	17.2-24.9	Perilla seed ..	Bushel .....	30-34	13.6-15.4
Lettuce, hot-house	24-qt. basket	10	4.5	Pineapples ..	Crate <sup>28</sup> .....	37-40	16.8-18.1
Limes (Florida)	Box .....	80	36.3	Plums and prunes:		70	31.8
Linseed oil .....	Gallon .....	10 7.7	3.5	California ..	4-basket crate <sup>29</sup> .....	28-34	12.7-15.4
Malt .....	Bushel .....	34	15.4	Other .....	1/2-bu. basket .....	28	12.7
Maple sirup .....	Gallon .....	11.03	5.00	Popcorn:			
Meadow fescue seed	Bushel .....	24	10.9	On ear .....	Bushel .....	13 70	31.8
Milk .....	Gallon .....	8.6	3.90	Shelled .....	..do .....	56	25.4
Millet .....	Bushel .....	48-50	21.8-22.7	Poppy seed ..	..do .....	46	20.9
Molasses, edible	Gallon .....	11.72	5.3	Potatoes .....	{ Bushel .....	60	27.2
Molasses, inedible	..do .....	11.74	5.3	Quinces .....	Barrel .....	165	74.8
Mustard seed .....	Bushel .....	58-60	26.3-27.2	Rapeseed .....	Bag .....	50	22.7
Oats .....	..do .....	32	14.5	Raspberries ..	..do .....	100	45.4
Olives .....	Lug <sup>21</sup> .....	25-30	11.3-13.6	Redtop seed ..	24-qt. crate ..	50 and 60	22.7-27.2
Olive oil .....	Gallon .....	10 7.6	3.5	Refiners' sirup	Gallon .....	11.45	5.2
Onions, dry .....	Sack .....	50	22.7	Rice:			
Onions, green				Rough .....	{ Bushel .....	45	20.4
bunched .....	Crate .....	60-65	27.2-29.5	Milled .....	Bag .....	100	45.4
Onion sets .....	Bushel .....	28-32	12.7-14.5	Rosin .....	Barrel .....	162	73.5
Oranges:				Rutabagas ..	Pocket or bag ..	100	45.4
Florida and Texas	{ 1/2-box mesh bag .....	45	20.4	Rye .....	Drum, net ....	520	236
California and Arizona	{ Box <sup>25</sup> .....	90	40.8	Sesame seed ..	Bushel .....	56	25.4
Orchardgrass seed	Bushel .....	14	6.4	Shallots .....	..do .....	56	25.4
Palm oil .....	Gallon .....	10 7.7	3.5	Sorgho:	..do .....	46	20.9
Parsnips .....	Bushel .....	50	22.7	Seed .....	Crate (4-7 doz bunches) ..	20-35	9.1-15.9
Peanut oil .....	{ ..do .....	48	21.8	Sirup .....			
Peanuts, unshelled:	Lug box <sup>21</sup> ..	20	9.1	Sorghum grain <sup>30</sup> ..	Bushel .....	50	22.7
Virginia type	California fruit box ..	26 18	8.2	Soybeans .....	Gallon .....	11.55	5.2
Runners, south-eastern	Gallon .....	10 7.7	3.5	Soybean oil ..	..do .....	60	27.2
Spanish:				Spelt .....	Gallon .....	10 7.7	3.5
South-eastern ..	..do .....	25	11.3	Spinach .....	Bushel .....	40	18.1
South-western ..	..do .....	25	11.3	Strawberries ..	..do .....	18-20	8.2-9.1
				Sudangrass seed .....	24-qt. crate ..	36	16.3
				Sugarcane: sirup (sulfured or unsulfured)	12-pt. crate ..	9-11	4.1-5.0
				Sunflower seed	Bushel .....	40	18.1
				Sweetpotatoes			
				Tangerines, Florida .....	{ ..do .....	31 55	24.9
					Crate .....	50	22.7
					1/2-bu. box ..	47 1/2	21.5

See footnotes on page IX.

WEIGHTS AND MEASURES—Continued

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
Timothy seed ...	Bushel .....	<i>Pounds</i> 45	<i>Kilograms</i> 20.4	Tung oil .....	Gallon .....	<i>Pounds</i> <sup>10</sup> 7.8	<i>Kilograms</i> 3.5
Tobacco:				Turnips:			
Maryland .....	Hogshead .....	775	352	Without tops	Mesh sack .....	50	22.7
Flue-cured .....	..do .....	950	431	Bunched ....	Crate <sup>a</sup> .....	70-80	31.8-36.3
Burley .....	..do .....	975	442	Turpentine ....	Gallon .....	7.23	3.3
Dark air-cured	..do .....	1,150	522	Velvetbeans			
Virginia				(hulled) .....	Bushel .....	60	27.2
fire-cured .....	..do .....	1,350	612	Vetch .....	..do .....	60	27.2
Kentucky and				Walnuts .....	..do .....	50	22.7
Tennessee				Water 60° F .	Gallon .....	8.33	3.8
fired-cured ..	..do .....	1,500	680	Watermelons .	Melons of		
	(Case .....	250-365	113-166		average or		
Cigar-leaf .....	(Bale .....	150-175	68.0-79.4		medium		
	(Crate .....	60	27.2		size .....	25	11.3
Tomatoes .....	Lug box <sup>21</sup> .....	32	14.5	Wheat .....	Bushel .....	60	27.2
	(2-layer flat ....	21	9.5	Various com-	(Short ton .....	2,000	907
Tomatoes, .....				modities ....	Long ton .....	2,240	1,016
hothouse .....	12-qt. basket ...	20	9.1		(Metric ton .....	2,204.6	1,000

See footnotes on page IX.

To Convert From Avoirdupois Pounds

To	Multiply by
Kilograms .....	0.45359237
Metric tons .....	0.00045359237

Conversion Factors

- 1 Metric ton = 2,204.622 pounds
- 1 Kilogram = 2.2046 pounds
- 1 Acre = 0.407 hectares
- 1 Hectare = 2.47 acres
- 1 Square mile = 640 acres = 259 hectare
- 1 Gallon = 3.7853 liters

## CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples .....	1 pound dried .....	7 pounds fresh; beginning 1943, 8 pounds fresh
Do .....	1 pound chops .....	5 pounds fresh
Do .....	1 case canned <sup>32</sup> .....	1.4 bushels fresh
Applesauce .....	do <sup>32</sup> .....	1.2 bushels fresh
Apricots .....	1 pound dried .....	6 pounds fresh
Barley flour .....	100 pounds .....	4.59 bushels barley
Beans, lima .....	1 pound shelled .....	2 pounds unshelled
Beans, snap or wax .....	1 case canned <sup>33</sup> .....	0.008 ton fresh
Buckwheat flour .....	100 pounds .....	3.47 bushels buckwheat
Calves .....	1 pound live weight .....	0.557 pound dressed weight (1954-63 average)
Cattle .....	do .....	0.561 pound dressed weight (1954-63 average)
Cane sirup .....	1 gallon .....	5 pounds sugar
Cherries, tart .....	1 case canned <sup>32</sup> .....	0.023 ton fresh
Chickens .....	1 pound live weight .....	0.72 pound ready-to-cook weight
Corn, shelled .....	1 bushel (56 lbs.) .....	2 bushels (70 pounds) of husked ear corn
Corn, sweet .....	1 case canned <sup>33</sup> .....	0.030 ton fresh
Cornmeal:		
Degermed .....	100 pounds .....	3.16 bushels corn, beginning 1946
Nondegermed .....	do .....	2 bushels corn, beginning 1946
Cotton .....	1 pound ginned .....	3.26 pounds seed cotton, including trash <sup>34</sup>
Cottonseed meal .....	1 pound .....	2.10 pounds cottonseed
Cottonseed oil .....	do .....	5.88 pounds cottonseed
Dairy products:		
Butter .....	do .....	21.1 pounds milk
Cheese .....	do .....	10 pounds milk
Condensed milk, whole .....	do .....	2.3 pounds milk
Dry cream .....	do .....	19 pounds milk
Dry milk, whole .....	do .....	7.6 pounds milk
Evaporated milk, whole .....	do .....	2.14 pounds milk
Malted milk .....	do .....	2.6 pounds milk
Nonfat dry milk .....	do .....	11 pounds liquid skim milk
Ice cream <sup>35</sup> .....	1 gallon .....	15 pounds milk
Ice cream <sup>35</sup> (eliminating fat from butter and concentrated milk) ..	do .....	12 pounds milk
Eggs .....	1 case .....	47 pounds
Eggs, shell .....	do .....	39.5 pounds frozen or liquid whole eggs
Do .....	do .....	10.3 pounds dried whole eggs
Figs .....	1 pound dried .....	3 pounds fresh in California; 4 pounds fresh elsewhere
Flaxseed .....	1 bushel .....	About 2½ gallons oil
Grapefruit, Florida .....	1 case canned juice <sup>33</sup> .....	0.64 box fresh fruit
Hogs .....	1 pound live weight .....	0.579 pound dressed weight, excluding land (1954-63 average)
Linseed meal .....	1 pound .....	1.51 pounds flaxseed
Linseed oil .....	do .....	2.77 pounds flaxseed
Malt .....	1 bushel (34 lbs.) .....	1 bushel barley (48 lbs.)
Maple sirup .....	1 gallon .....	8 pounds maple sugar
Nuts:		
Almonds imported .....	1 pound shelled .....	3⅓ pounds unshelled
Almonds, California .....	do .....	2.22 pounds unshelled through 1949; 2 pounds thereafter
Brazil .....	do .....	2 pounds unshelled
Cashews .....	do .....	4.55 pounds unshelled
Chestnuts .....	do .....	1.19 pounds unshelled
Filberts .....	do .....	2.22 pounds unshelled through 1949; 2.5 pounds thereafter
Pecans:		
Seedling .....	do .....	2.78 pounds unshelled
Improved .....	do .....	2.50 pounds unshelled
Pignolias .....	do .....	1.3 pounds unshelled
Pistachios .....	do .....	2 pounds unshelled
Walnuts:		
Black .....	do .....	5.88 pounds unshelled
Persian (English) .....	do .....	2.67 pounds unshelled
Oatmeal .....	100 pounds .....	7.6 bushels oats, beginning 1943
Oranges, Florida .....	1 case canned juice <sup>33</sup> .....	0.53 box fresh
Peaches, California, freestone .....	1 pound dried .....	5½ pounds fresh through 1918; 6 pounds fresh for 1919-28; and 6½ pounds fresh from 1929 to date
Peaches, California, clingstone .....	do .....	7½ pounds fresh
Peaches, clingstone .....	1 case canned <sup>32</sup> .....	1 bushel fresh
Do .....	do .....	0.0230 ton fresh
Peanuts .....	1 pound shelled .....	1½ pounds unshelled
Pears .....	1 pound dried .....	6½ pounds fresh
Pears, Bartlett .....	1 case canned <sup>33</sup> .....	1.1 bushels fresh
Do .....	do .....	0.026 ton fresh

See footnotes on page IX.



CONVERSION FACTORS—Continued

Commodity	Unit	Approximate equivalent
Peas, green .....	1 pound shelled .....	2½ pounds unshelled
Do .....	1 case canned <sup>33</sup> .....	0.009 ton fresh (shelled)
Prunes .....	1 pound dried .....	2.7 pounds fresh in California; 3 to 4 pounds fresh elsewhere
Raisins .....	1 pound .....	4.3 pounds fresh grapes
Rice, milled (excluding brewers) .....	100 pounds .....	152 pounds rough or unhulled rice
Rye flour .....	do .....	2.23 bushels rye, beginning 1947
Sheep and lambs .....	1 pound live weight .....	0.482 pound dressed weight (1954-63 average)
Soybean meal .....	1 pound .....	1.27 pounds soybeans
Soybean oil .....	do .....	5.49 pounds soybeans
Sugar .....	1 ton raw .....	0.9346 ton refined
Tobacco .....	1 pound farm-sales weight .....	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See circular 435, U.S. Dept. of Agr.)
Tomatoes .....	1 case canned <sup>33</sup> .....	0.018 ton fresh
Turkeys .....	1 pound live weight .....	0.80 pound ready-to-cook weight
Wheat flour .....	100 pounds .....	2.30 bushels wheat <sup>38</sup>
Wool, domestic apparel shorn .....	1 pound greasy .....	0.48 pound scoured
Wool, domestic apparel pulled .....	do .....	0.73 pound scoured

<sup>1</sup> Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweetpotatoes, peaches, green beans, green peas, spinach, etc.

<sup>2</sup> Approximate inside dimensions, 10¼ by 11½ by 18 inches.

<sup>3</sup> Approximate inside dimensions, 4¾ by 12½ by 16½ inches.

<sup>4</sup> Approximate inside dimensions, 4½ by 16 by 16½ inches.

<sup>5</sup> Approximate dimensions, 4½ by 13½ by 16½ inches.

<sup>6</sup> Approximate inside dimensions, 13 by 12 by 32 inches.

<sup>7</sup> Inside dimensions vary. Common sizes are 13 by 13 by 22¼ inches, and 13 by 15½ by 23 inches.

<sup>8</sup> Approximate inside dimensions, 13 by 18 by 21½ inches.

<sup>9</sup> Approximate inside dimensions, 13 by 13 by 22¼ inches.

<sup>10</sup> This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

<sup>11</sup> Approximate inside dimensions, 9¾ by 16 by 20 inches.

<sup>12</sup> Approximate inside dimensions, 4¾ by 11½ by 14 inches.

<sup>13</sup> The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it required 70 pounds to yield 1 bushel or 56 pounds, of shelled corn.

<sup>14</sup> For statistical purposes the bale of cotton is 500 pounds or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 478 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.

<sup>15</sup> This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

<sup>16</sup> Approximate inside dimensions, 9¼ by 10½ by 15 inches.

<sup>17</sup> Approximate inside dimensions, 1¾ by 11 by 16½ inches.

<sup>18</sup> Approximate inside dimensions, 11½ by 11½ by 24 inches.

<sup>19</sup> In California and Arizona from 1942 through 1953, the P net weights as used by this Department were 77 pounds for oranges, 79 pounds for lemons, and 65 pounds for Desert Valleys grapefruit. Grapefruit in California areas, other than the Desert Valleys, average 68 pounds. The new weights effective in 1954 reflect the shift from the "box" to the ½-box carton as the container used.

<sup>20</sup> Approximate inside dimensions 10¼ by 10¼ by 16¾ inches for oranges or lemons, and 9¾ by 10¼ by 16¾ inches for grapefruit.

<sup>21</sup> Approximate inside dimensions, 5¾ by 13½ by 16½ inches.

<sup>22</sup> Approximate inside dimensions, 4¾ by 16 by 16½ inches.

<sup>23</sup> Approximate inside dimensions, 7¾ by 16 by 21½ inches.

<sup>24</sup> Approximate inside dimensions, 9¾ by 13 by 25 inches.

<sup>25</sup> Approximate inside dimensions, 12 by 12 by 24 inches.

<sup>26</sup> Approximate inside dimensions vary. Common size is 4½ by 11½ by 16½ inches.

<sup>27</sup> Approximate inside dimensions, 8½ by 11½ by 18 inches.

<sup>28</sup> Approximate inside dimensions, 12 by 10½ by 33 inches.

<sup>29</sup> Inside dimensions vary. Ranges from 4 by 16 by 16½ inches to 6 by 16 by 16½ inches.

<sup>30</sup> Includes both sorghum grain (kafir, milo, hegari, etc.) and sweet sorghum varieties.

<sup>31</sup> This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying and the net weight when sold in terminal markets may be below 55 pounds.

<sup>32</sup> Case of 24 No. 2½ cans.

<sup>33</sup> Case of 24 No. 303 cans.

<sup>34</sup> Varies widely by method of harvesting.

<sup>35</sup> The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

<sup>36</sup> This is equivalent to 4.51 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions, beginning July 1, 1957. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790-1879, 5 bushel; 1880-1908, 4.75 bushels, 1909-17, 4.7 bushels, 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921-44, 4.7 bushels; July 1944-Feb. 1946, 4.57 bushels; March 1946-Oct. 1946, average was about 4.31 bushels; and Nov. 1946-June 1957, 4.57 bushels.



# CHAPTER I

## STATISTICS OF GRAIN AND FEED

This chapter contains tables for wheat, rye, rice, corn, oats, barley, sorghum grain, and feedstuffs. Estimates are given of area, production, disposition, supply and disappearance, prices, value of production, stocks, foreign production and trade, price-support operations, animal units fed, and feed consumed by livestock and poultry.

**Table 1.—Total grain: Supply and disappearance, United States, 1965-79**

Year <sup>1</sup>	Supply				Disappearance			Ending stocks
	Beginning stocks	Production	Imports	Total	Domestic use	Exports	Total disappearance	
	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>	<i>Million metric tons</i>
1965 .....	76.9	183.4	0.4	260.7	150.4	51.7	202.1	58.6
1966 .....	58.6	184.2	.4	243.1	148.9	44.4	193.3	49.9
1967 .....	49.9	207.9	.3	258.1	150.3	44.7	195.1	63.0
1968 .....	63.0	202.4	.3	265.7	159.2	34.1	193.3	72.4
1969 .....	72.4	205.2	.5	278.1	166.3	38.2	204.5	73.6
1970 .....	73.6	186.7	.5	260.8	164.0	41.4	205.4	55.4
1971 .....	55.4	237.5	.3	293.2	175.5	43.8	219.3	73.9
1972 .....	73.9	223.1	.4	302.4	181.4	72.6	254.0	48.2
1973 .....	48.2	237.6	.3	286.1	178.1	76.4	254.5	31.6
1974 .....	31.6	204.4	.6	236.6	142.3	66.7	208.8	27.6
1975 .....	27.6	248.6	.6	276.8	155.2	84.5	239.7	37.1
1976 .....	37.1	257.3	.5	294.9	153.2	79.4	232.6	62.1
1977 .....	62.1	263.7	.3	326.1	161.4	90.2	251.6	74.5
1978 <sup>2</sup> .....	74.5	273.0	.5	348.0	178.8	96.2	275.0	73.0
1979 <sup>2</sup> .....	72.8	299.0	.3	372.1	180.9	112.4	293.3	78.8

<sup>1</sup> Year beginning Oct. 1 for corn and sorghum; June 1 for oats, barley, wheat, and rye; and Aug. 1 for rice.

<sup>2</sup> Preliminary.

Totals may not add due to independent rounding.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 2.—Wheat: Area, yield, production, disposition, and value, United States, 1965-79**

Year	Area		Yield per harvested acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production
	Planted <sup>1</sup>	Harvested			For seed	Fed to livestock			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	57,361	49,560	26.5	1,315,603	39,452	41,823	1,234,328	1.35	1,774,535
1966 .....	54,105	49,613	26.3	1,304,869	46,259	25,929	1,232,701	1.63	2,129,868
1967 .....	67,264	58,353	25.8	1,507,598	46,005	42,418	1,419,175	1.39	2,080,107
1968 .....	61,860	54,765	28.4	1,556,635	39,456	59,396	1,457,783	1.24	1,923,131
1969 .....	53,450	47,146	30.6	1,442,679	33,347	58,529	1,350,803	1.25	1,795,738
1970 .....	48,739	43,564	31.0	1,351,558	35,440	59,860	1,256,258	1.33	1,803,241
1971 .....	53,822	47,635	33.9	1,618,636	37,300	71,768	1,509,568	1.34	2,167,797
1972 .....	54,913	47,303	32.7	1,546,209	37,953	47,011	1,461,245	1.76	2,706,121
1973 .....	59,254	54,148	31.6	1,710,787	48,449	28,060	1,634,278	3.95	6,744,631
1974 .....	71,044	65,368	27.3	1,781,918	54,996	32,300	1,694,622	4.09	7,287,192
1975 .....	74,786	69,391	30.6	2,122,459	<sup>395,299</sup>		2,027,160	3.56	7,534,851
1976 .....	80,202	70,771	30.3	2,142,362	103,916		2,038,446	2.73	5,851,443
1977 .....	75,119	66,461	30.6	2,036,318	117,297		1,919,021	2.33	4,742,686
1978 .....	66,255	56,942	31.6	1,797,528	84,414		1,713,114	2.98	5,349,483
1979 <sup>4</sup> .....	71,558	62,600	34.2	2,141,732	85,859		2,055,873	3.82	8,175,467

See footnotes on page 3.

Table 3.—Wheat, by kinds: Area, yield, production, and value, United States, 1965–79

Year	Area		Yield per harvested acre	Production	Season average price per bushel received by farmers <sup>2</sup>	Value of production
	Planted <sup>1</sup>	Harvested				
	Winter wheat					
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1965 .....	45,142	37,586	27.1	1,017,075	.....	.....
1966 .....	42,746	38,616	27.4	1,057,371	.....	.....
1967 .....	53,649	45,039	26.5	1,194,119	.....	.....
1968 .....	48,667	41,929	29.0	1,217,555	.....	.....
1969 .....	42,338	36,303	31.2	1,131,439	.....	.....
1970 .....	37,623	32,702	33.4	1,091,744	.....	.....
1971 .....	38,072	32,370	35.4	1,145,011	1.35	1,544,116
1972 .....	42,183	34,859	34.0	1,186,498	1.71	2,022,251
1973 .....	43,501	38,747	33.0	1,278,220	3.72	4,745,524
1974 .....	52,023	46,778	29.4	1,375,526	3.91	5,370,400
1975 .....	55,881	51,307	32.0	1,640,396	3.38	5,531,995
1976 .....	57,668	49,460	31.5	1,559,923	2.72	4,253,226
1977 .....	56,295	48,664	31.6	1,537,113	2.28	3,500,357
1978 .....	47,893	39,015	32.0	1,247,706	3.01	3,755,969
1979 <sup>3</sup> .....	51,919	43,572	36.9	1,608,897	3.84	6,179,747
	Durum wheat <sup>4</sup>					
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1965 .....	2,361	2,296	30.4	69,866	.....	.....
1966 .....	2,491	2,423	25.9	62,638	.....	.....
1967 .....	2,826	2,754	24.1	66,443	.....	.....
1968 .....	3,715	3,621	27.5	99,644	.....	.....
1969 .....	3,466	3,420	31.7	108,403	.....	.....
1970 .....	2,167	2,105	25.1	52,771	.....	.....
1971 .....	2,943	2,864	32.1	91,805	1.31	120,350
1972 .....	2,592	2,550	28.6	72,912	1.93	141,040
1973 .....	2,952	2,884	27.2	78,455	6.16	483,002
1974 .....	4,174	4,099	19.8	81,245	5.96	484,041
1975 .....	4,830	4,680	26.4	123,362	4.66	575,025
1976 .....	4,748	4,584	29.4	134,914	2.95	398,856
1977 .....	3,183	3,025	26.4	79,964	2.69	215,413
1978 .....	4,110	4,024	33.1	133,323	2.93	390,608
1979 <sup>3</sup> .....	4,042	3,932	27.1	106,654	4.26	453,952
	Other spring wheat <sup>5</sup>					
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1965 .....	9,858	9,678	23.6	228,662	.....	.....
1966 .....	8,868	8,574	21.6	184,880	.....	.....
1967 .....	10,789	10,560	23.4	247,036	.....	.....
1968 .....	9,478	9,215	26.0	239,436	.....	.....
1969 .....	7,646	7,423	27.3	202,837	.....	.....
1970 .....	8,949	8,757	23.6	207,043	.....	.....
1971 .....	12,807	12,451	30.7	381,820	1.32	503,331
1972 .....	10,138	9,894	29.0	286,799	1.89	542,830
1973 .....	12,801	12,517	28.3	354,112	4.28	1,516,105
1974 .....	14,847	14,491	22.4	325,147	4.41	1,432,751
1975 .....	14,075	13,404	26.8	358,701	3.98	1,427,831
1976 .....	17,786	16,727	26.8	447,525	2.68	1,199,361
1977 .....	15,641	14,772	28.4	419,241	2.45	1,026,916
1978 .....	14,252	13,903	30.0	416,494	2.89	1,202,906
1979 <sup>3</sup> .....	15,597	15,096	28.2	426,181	3.62	1,541,768

<sup>1</sup> Seeded in preceding fall for winter wheat.<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Preliminary.<sup>4</sup> Includes California, Minnesota, Montana, North Dakota, and South Dakota; 1976 and 1977 also includes Arizona and New Mexico, 1978 includes Arizona.<sup>5</sup> Includes small quantities of durum wheat grown in States other than those mentioned in footnote 4.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 4.—Wheat: Stocks on and off farms, United States, 1965-79

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
All wheat								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1965 .....	558,314	405,337	255,593	130,774	1,145,702	980,676	661,743	404,399
1966 .....	537,841	406,879	237,852	144,890	896,351	640,577	461,370	279,525
1967 .....	601,483	505,227	361,015	229,548	954,667	704,490	477,090	309,000
1968 .....	727,772	576,932	460,476	325,906	951,545	765,418	648,980	490,754
1969 .....	752,200	609,443	456,499	307,093	1,120,224	923,375	740,747	577,780
1970 .....	663,673	526,092	381,098	240,276	1,124,797	883,878	679,337	491,202
1971 .....	826,860	694,549	525,743	355,050	1,046,932	853,100	684,961	508,203
1972 .....	730,210	510,202	316,063	133,923	1,140,699	888,801	611,253	304,578
1973 .....	608,466	364,382	181,704	89,455	843,084	563,952	366,441	158,201
1974 .....	680,469	446,289	271,106	132,734	881,665	661,171	387,982	194,255
1975 .....	755,500	547,623	342,624	235,485	1,129,044	838,028	594,151	429,768
1976 .....	833,264	665,407	510,976	426,336	1,354,946	1,116,376	878,534	685,912
1977 .....	1,035,056	831,294	639,851	492,937	1,365,322	1,162,459	887,832	683,790
1978 .....	1,033,701	816,442	629,597	484,929	1,104,169	816,364	596,172	439,777
1979 <sup>3</sup> .....	1,081,332	772,412	569,873	.....	1,240,745	943,538	655,308	.....
Durum wheat								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1965 .....	75,997	57,608	48,993	24,029	48,387	42,402	34,294	30,388
1966 .....	61,896	39,769	28,617	18,349	33,806	24,342	16,646	10,530
1967 .....	58,269	49,015	32,891	18,181	19,475	14,338	13,386	6,143
1968 .....	90,938	64,949	50,724	29,626	18,451	21,030	17,429	11,582
1969 .....	108,418	92,460	81,498	63,140	23,187	20,285	16,441	17,584
1970 .....	83,853	69,660	56,120	41,672	25,591	24,803	22,856	16,817
1971 .....	105,737	94,340	75,345	48,086	27,070	24,928	24,959	21,165
1972 .....	91,538	72,016	48,249	19,979	24,458	25,910	23,132	16,891
1973 .....	67,903	49,251	34,390	18,058	21,460	18,433	16,516	9,938
1974 .....	70,196	51,832	37,836	14,593	21,377	18,727	11,498	6,713
1975 .....	87,406	65,412	53,033	38,906	27,657	20,528	18,065	14,550
1976 .....	110,544	94,999	79,347	70,643	39,571	32,631	28,895	21,120
1977 .....	103,462	81,891	61,635	49,626	36,338	26,524	29,754	17,265
1978 .....	120,309	98,694	82,966	69,685	30,012	18,312	21,519	16,084
1979 <sup>3</sup> .....	122,621	87,384	64,486	.....	30,870	19,776	21,203	.....

<sup>1</sup> Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 2

<sup>1</sup> Includes area seeded in preceding fall for winter wheat.<sup>2</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Beginning 1975, not estimated separately.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 5.—Wheat: Supply and disappearance, United States, 1965-79

Year beginning June	Supply				Disappearance						Ending stocks May 31
	Begin ning stocks	Produc- tion	Im- ports <sup>1</sup>	Total	Domestic use				Exports <sup>1</sup>	Total disap- pear- ance	
					Food <sup>2</sup>	Seed	Feed <sup>3</sup>	Total			
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1965 .....	921	1,316	1	2,238	518	61	146	725	852	1,577	660
1966 .....	660	1,805	2	1,967	505	77	101	683	771	1,454	513
1967 .....	513	1,508	1	2,021	518	71	37	626	765	1,391	630
1968 .....	630	1,557	1	2,188	522	61	157	740	544	1,284	904
1969 .....	904	1,443	3	2,350	520	56	188	764	603	1,367	983
1970 .....	983	1,352	1	2,336	517	62	193	772	741	1,513	823
1971 .....	823	1,618	1	2,442	524	63	262	849	610	1,459	983
1972 .....	983	1,546	1	2,530	532	67	200	799	1,135	1,934	597
1973 .....	4597	1,711	3	2,311	544	84	126	754	1,217	1,971	340
1974 .....	340	1,732	3	2,125	545	92	35	672	1,018	1,690	435
1975 .....	435	2,122	2	2,559	589	99	33	721	1,173	1,894	665
1976 .....	665	2,142	3	2,810	588	92	68	748	950	1,698	1,112
1977 .....	1,112	2,036	2	3,150	586	80	183	849	1,124	1,973	1,177
1978 <sup>5</sup> .....	1,177	1,798	1	2,976	592	87	178	857	1,194	2,051	925
1979 <sup>5</sup> .....	925	2,142	2	3,069	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup>Imports and exports include flour and other products expressed in wheat equivalents. <sup>2</sup>Used for food in the United States, U.S. Territories, and by the military. <sup>3</sup>Residual; approximates feed use. <sup>4</sup>Excludes an abnormally large volume of grain in transit. <sup>5</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Totals may not add due to independent rounding.

Table 6.—Wheat: Supply and disappearance, by classes, United States, 1975-78<sup>1</sup>

Item	Year beginning June				Item	Year beginning June			
	1975	1976	1977	1978 <sup>2</sup>		1975	1976	1977	1978 <sup>2</sup>
All wheat:	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	Hard red spring:	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
Stocks, June 1	435	665	1,112	1,177	Stocks, June 1	104	116	250	335
Production	2,122	2,142	2,086	1,798	Production	327	411	398	379
Supply <sup>3</sup>	2,559	2,810	3,150	2,976	Supply <sup>3</sup>	432	523	649	714
Exports <sup>4</sup>	1,173	950	1,124	1,194	Exports <sup>4</sup>	160	124	156	232
Domestic disappearance	721	748	849	857	Domestic disappearance	156	154	158	158
Stocks, May 31	665	1,112	1,177	925	Stocks, May 31	116	250	335	324
Hard red winter:					Durum:				
Stocks, June 1	225	379	605	631	Stocks, June 1	26	53	92	67
Production	1,058	976	992	836	Production	123	135	80	134
Supply	1,283	1,355	1,597	1,467	Supply <sup>3</sup>	150	190	173	202
Exports <sup>4</sup>	581	418	535	610	Exports <sup>4</sup>	52	41	62	72
Domestic disappearance	323	332	431	437	Domestic disappearance	45	57	44	44
Stocks, May 31	379	605	631	420	Stocks, May 31	53	92	67	86
Soft red winter:					White:				
Stocks, June 1	37	57	72	71	Stocks, June 1	43	60	93	73
Production	326	336	350	202	Production	288	284	216	247
Supply	363	393	422	273	Supply <sup>3</sup>	331	344	309	320
Exports <sup>4</sup>	165	181	197	95	Exports <sup>4</sup>	215	186	174	185
Domestic disappearance	141	140	154	151	Domestic disappearance	56	65	62	67
Stocks, May 31	57	72	71	27	Stocks, May 31	60	93	73	68

<sup>1</sup>Data except production are approximations. <sup>2</sup>Preliminary. <sup>3</sup>Total supply includes imports. <sup>4</sup>Imports and exports include flour and other products in wheat equivalents.

Economics, Statistics, and Cooperatives Service—Economics.

Table 7.—Wheat: Area, yield, and production, by States, 1977-79

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Ala .....	135	130	140	90	65	95	28.0	26.0	26.0	2,520	1,690	2,470
Ariz .....	147	145	135	140	138	125	72.0	70.0	76.3	10,080	9,660	9,540
Ark .....	825	400	530	660	300	420	39.0	37.0	35.0	25,740	11,100	14,700
Calif .....	915	770	867	678	715	825	64.5	64.1	70.5	43,700	45,825	58,200
Colo .....	3,030	3,038	3,245	2,575	2,523	2,641	22.2	23.4	26.6	57,225	59,052	70,183
Del .....	40	29	32	35	25	30	30.0	35.0	34.0	1,050	875	1,020
Fla <sup>3</sup> .....	19	17	.....	13	12	.....	29.0	36.0	.....	377	432	.....
Ga .....	135	160	190	100	120	160	33.0	32.0	35.0	3,300	3,840	5,600
Idaho .....	1,330	1,360	1,615	1,190	1,295	1,470	42.6	57.7	50.4	50,730	74,730	74,140
Ill .....	1,650	1,050	1,360	1,570	980	1,300	43.0	38.0	43.0	67,510	35,340	55,900
Ind .....	1,350	900	1,000	1,240	815	945	45.0	39.0	47.0	55,800	31,785	44,415
Iowa .....	130	60	85	109	45	72	37.0	31.0	37.0	4,033	1,395	2,664
Kans .....	13,200	11,300	12,100	12,100	10,200	10,800	28.5	30.0	38.0	344,850	306,000	410,400
Ky .....	380	280	380	274	195	290	37.0	35.0	38.0	10,138	6,825	11,020
La .....	50	40	48	25	17	27	34.0	36.0	28.0	850	612	756
Md .....	140	115	122	120	102	114	36.0	37.0	37.0	4,320	3,774	4,218
Mich .....	870	470	800	825	450	785	40.0	40.0	43.0	33,000	18,000	33,755
Minn .....	3,425	2,850	2,640	3,327	2,776	2,178	39.6	33.6	35.1	131,894	93,225	90,384
Miss .....	140	100	160	105	65	115	34.0	31.0	32.0	3,570	2,015	3,680
Mo .....	2,000	960	1,780	1,760	840	1,600	39.0	34.0	44.0	68,640	28,560	70,400
Mont .....	5,400	5,100	5,985	5,060	4,840	5,125	25.9	30.2	22.7	130,920	146,050	116,475
Nebr .....	3,300	2,900	3,000	2,950	2,550	2,550	35.0	32.0	34.0	103,250	81,600	86,700
Nev .....	30	29	30	28	26	27	55.7	59.2	59.6	1,560	1,540	1,610
N.J .....	61	48	51	42	33	41	31.0	36.0	36.0	1,302	1,188	1,476
N.Mex .....	555	527	560	425	306	398	21.5	18.0	22.0	9,137	5,508	8,756
N.Y .....	190	86	170	175	75	160	39.0	35.0	41.0	6,825	2,625	6,560
N.C .....	225	220	235	200	180	210	30.0	33.0	36.0	6,000	5,940	7,560
N.Dak .....	9,960	9,760	9,900	9,254	9,585	9,600	24.8	29.8	28.3	229,907	286,065	252,235
Ohio .....	1,580	1,200	1,350	1,540	1,125	1,320	47.0	39.0	48.0	72,380	43,875	63,860
Okla .....	7,800	7,000	7,000	6,500	5,400	5,700	27.0	27.0	38.0	175,500	145,800	216,600
Oreg .....	1,808	1,285	1,450	1,230	1,225	1,245	38.7	42.4	42.6	47,620	51,925	57,310
Pa .....	285	255	270	270	245	262	33.0	33.0	31.0	8,910	8,085	8,122
S.C .....	107	95	120	95	78	109	29.0	33.0	33.0	2,755	2,574	3,597
S.Dak .....	3,655	3,575	3,455	3,016	3,090	2,805	23.9	21.4	21.4	71,964	66,000	60,060
Tenn .....	373	310	400	280	220	295	36.0	35.0	34.0	10,080	7,700	10,030
Tex .....	6,300	5,700	5,800	4,700	2,700	4,600	25.0	20.0	30.0	117,500	54,000	138,000
Utah .....	251	256	278	204	223	250	23.1	29.9	26.7	4,716	6,670	6,680
Va .....	250	205	215	205	155	180	31.0	35.0	35.0	6,355	5,425	6,300
Wash .....	3,120	3,120	3,650	2,985	2,910	2,980	33.9	44.9	39.6	101,305	130,760	118,000
W.Va .....	12	11	12	10	9	10	31.0	33.0	34.0	310	297	340
Wis .....	83	48	57	75	45	54	41.0	34.7	40.0	3,075	1,560	2,162
Wyo .....	353	351	341	281	294	287	20.0	25.9	22.1	5,620	7,606	6,354
U.S .....	75,119	66,255	71,558	66,461	56,942	62,600	30.6	31.6	34.2	2,036,318	1,797,528	2,141,732

<sup>1</sup> Includes area seeded in preceding fall for winter wheat.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued after 1978 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1977-79

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
Winter wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala .....	135	130	140	90	65	95	28.0	26.0	26.0	2,520	1,690	2,470
Ariz .....	58	50	60	55	47	55	72.0	70.0	78.0	3,960	3,290	4,290
Ark .....	825	400	530	660	300	420	39.0	37.0	35.0	25,740	11,100	14,700
Calif .....	885	650	820	650	600	780	64.0	62.0	70.0	41,600	37,200	54,600
Colo .....	3,000	3,000	3,200	2,550	2,490	2,600	22.0	23.0	26.0	56,100	57,270	67,600
Del .....	40	29	32	35	25	30	30.0	35.0	34.0	1,050	875	1,020
Fla <sup>3</sup> .....	19	17	.....	13	12	.....	29.0	36.0	.....	377	432	.....
Ga .....	135	160	190	100	120	160	33.0	32.0	35.0	3,300	3,840	5,600
Idaho .....	950	870	980	830	815	850	39.0	54.0	42.0	32,370	44,010	35,700
Ill .....	1,650	1,050	1,360	1,570	930	1,300	43.0	38.0	43.0	67,510	35,340	55,900
Ind .....	1,350	900	1,000	1,240	815	945	45.0	39.0	47.0	55,800	31,785	44,415
Iowa .....	130	60	85	109	45	72	37.0	31.0	37.0	4,033	1,395	2,664
Kans .....	13,200	11,300	12,100	12,100	10,200	10,800	28.5	30.0	38.0	344,850	306,000	410,400
Ky .....	380	280	380	274	195	290	37.0	35.0	38.0	10,138	6,825	11,020
La .....	50	40	48	25	17	27	34.0	36.0	28.0	850	612	756
Md .....	140	115	122	120	102	114	36.0	37.0	37.0	4,320	3,774	4,218
Mich .....	870	470	800	825	450	785	40.0	40.0	43.0	33,000	18,000	33,755
Minn .....	140	70	60	105	58	51	33.0	29.0	35.0	3,465	1,682	1,785
Miss .....	140	100	160	105	65	115	34.0	31.0	32.0	3,570	2,015	3,680
Mo .....	2,000	960	1,780	1,760	840	1,600	39.0	34.0	44.0	68,640	28,560	70,400
Mont .....	3,050	2,900	3,000	2,800	2,700	2,250	29.0	31.0	25.5	81,200	83,700	57,375
Neb .....	3,300	2,900	3,000	2,950	2,550	2,550	35.0	32.0	34.0	103,250	81,600	86,700
Nev .....	17	12	14	16	11	13	60.0	65.0	70.0	960	715	910
N.J .....	61	48	51	42	33	41	31.0	36.0	36.0	1,302	1,188	1,476
N.Mex .....	551	527	560	421	306	398	21.0	18.0	22.0	8,841	5,508	8,756
N.Y .....	190	86	170	175	75	160	39.0	35.0	41.0	6,825	2,625	6,560
N.C .....	235	220	235	200	180	210	30.0	33.0	36.0	6,000	5,940	7,560
N.Dak .....	160	160	170	104	135	120	23.0	29.0	22.0	2,392	3,915	2,640
Ohio .....	1,580	1,200	1,350	1,540	1,125	1,320	47.0	39.0	48.0	72,380	43,875	63,360
Okl .....	7,800	7,000	7,000	6,500	5,400	5,700	27.0	27.0	38.0	175,500	145,800	216,600
Oreg .....	1,230	1,150	1,180	1,160	1,100	1,000	39.0	43.0	48.0	45,240	47,300	48,000
Pa .....	285	255	270	270	245	262	33.0	33.0	31.0	8,910	8,085	8,122
S.C .....	107	95	120	95	78	109	29.0	33.0	33.0	2,755	2,574	3,597
S.Dak .....	1,160	1,080	1,080	680	700	550	25.0	26.0	19.0	17,000	18,200	10,450
Tenn .....	373	310	400	280	220	295	36.0	35.0	34.0	10,080	7,700	10,030
Tex .....	6,300	5,700	5,800	4,700	2,700	4,600	25.0	20.0	30.0	117,500	54,000	138,000
Utah .....	225	221	235	180	194	210	23.0	29.0	24.0	4,140	5,626	5,040
Va .....	250	205	215	205	155	180	31.0	35.0	35.0	6,355	5,425	6,300
Wash .....	2,920	2,800	2,850	2,800	2,600	2,200	34.0	46.0	43.0	95,200	119,600	94,600
W.Va .....	12	11	12	10	9	10	31.0	33.0	34.0	310	297	340
Wis .....	65	35	40	60	33	38	43.0	36.0	43.0	2,580	1,188	1,634
Wyo .....	327	327	320	260	275	267	20.0	26.0	22.0	5,200	7,150	5,874
U.S .....	56,295	47,893	51,919	48,664	39,015	43,572	31.6	32.0	36.9	1,537,113	1,247,706	1,608,897
Durum wheat <sup>4</sup>												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ariz .....	89	95	75	85	91	70	72.0	70.0	75.0	6,120	6,370	5,250
Calif .....	30	120	47	28	115	45	75.0	75.0	80.0	2,100	8,625	3,600
Minn .....	85	100	80	82	98	77	34.5	38.5	37.0	2,829	3,773	2,849
Mont .....	230	300	335	220	290	325	22.0	30.0	21.0	4,840	8,700	8,625
N.Mex <sup>5</sup> .....	4	.....	.....	4	.....	.....	74.0	.....	.....	296	.....	.....
N.Dak .....	2,600	3,300	3,330	2,470	3,240	3,250	24.5	31.5	26.0	60,515	102,060	84,500
S.Dak .....	145	195	175	136	190	165	24.0	20.0	22.0	3,264	3,800	3,630
U.S .....	3,183	4,110	4,042	3,025	4,024	3,982	26.4	33.1	27.1	79,964	133,323	106,654

See footnotes at end of table.



Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1977-79—Continued

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
Other spring wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Colo .....	30	38	45	25	33	41	45.0	54.0	63.0	1,125	1,782	2,583
Idaho .....	380	490	635	360	480	620	51.0	64.0	62.0	18,360	30,720	38,440
Minn .....	3,200	2,680	2,500	3,140	2,620	2,450	40.0	33.5	35.0	125,600	87,770	85,750
Mont .....	2,120	1,900	2,650	2,040	1,850	2,550	22.0	29.0	20.5	44,880	53,650	52,275
Nev .....	13	17	16	12	15	14	50.0	55.0	50.0	600	825	700
N.Dak .....	7,200	6,300	6,400	6,680	6,210	6,230	25.0	29.0	26.5	167,000	180,090	165,095
Oreg .....	78	135	270	70	125	245	34.0	37.0	38.0	2,380	4,625	9,310
S.Dak .....	2,350	2,300	2,200	2,200	2,090	2,090	23.5	20.0	22.0	51,700	44,000	45,980
Utah .....	26	35	43	24	29	40	24.0	36.0	41.0	576	1,044	1,640
Wash .....	200	320	800	185	310	780	33.0	36.0	30.0	6,105	11,160	23,400
Wis .....	18	13	17	15	12	16	33.0	31.0	33.0	495	372	528
Wyo .....	26	24	21	21	19	20	20.0	24.0	24.0	420	456	480
U.S .....	15,641	14,252	15,597	14,772	13,903	15,096	28.4	30.0	28.2	419,241	416,494	426,181

<sup>1</sup>Area seeded in preceding fall for winter wheat.<sup>2</sup>Preliminary.<sup>3</sup>Estimates discontinued after 1978 crop.<sup>4</sup>Small additional quantities of durum wheat are grown in other than the States shown here but are included with "Other spring wheat."<sup>5</sup>Beginning 1978 included in "Winter wheat."

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 9.—Wheat: Price-support operations, United States, 1965-80

Year beginning July <sup>1</sup>	Support price		Put under support <sup>4</sup>		Acquired by CCC under support program <sup>5</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel <sup>2</sup>	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1965 .....	1.72	67	173	13.1	11	262
1966 .....	1.90	74	133	10.2	12	124
1967 .....	1.85	71	282	18.7	83	102
1968 .....	1.83	69	453	28.7	178	<sup>6</sup> 157
1969 .....	1.94	70	408	27.9	97	<sup>6</sup> 290
1970 .....	2.00	71	254	18.5	11	<sup>6</sup> 364
1971 .....	1.79	61	438	27.1	13	<sup>6</sup> 358
1972 .....	1.72	57	143	9.3	.....	<sup>6</sup> 6
1973 .....	1.46	43	60	3.5	.....	<sup>6</sup> 6
1974 .....	2.05	53	36	2.0	.....	.....
1975 .....	2.05	45	48	2.2	.....	.....
1976 .....	2.29	47	499	23.3	48	<sup>6</sup> 58
1977 .....	2.90/2.47	57/49	591	29.0	2	<sup>6</sup> 43
1978 .....	3.40	65	256	14.2	.....	<sup>6</sup> 50
1979 .....	3.40	57	<sup>7</sup> 175	8.2	<sup>9</sup> 156	<sup>6</sup> 206
1980 .....	<sup>7</sup> 3.63/ <sup>8</sup> 3.08	.....	.....	.....	.....	.....

<sup>1</sup>Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.<sup>2</sup>A loan level of \$1.25 from 1965 to 1973, plus the average marketing certificate payment per bushel was paid to program participants. Loan level protection for 1974 and 1975 is \$1.37 and, for 1976 and 1977, \$2.25, on entire production. For 1974 to 1976, the target level is a price guarantee on allotment production at levels indicated under support price. For 1977, target level of \$2.90 was set up under the Food and Agricultural Act of 1977; \$2.47 is the target level for unplanted allotment acreage. For 1978-1979, crop loan rate \$2.35; target price \$3.40. For 1980, loan rate \$2.50.<sup>3</sup>Percentage of parity price as of the beginning of the marketing year.<sup>4</sup>Represents loans made, purchases, and agreements entered into.<sup>5</sup>Acquisitions through loan cancellations and purchases (under agreement and direct) only from crop harvested in the year indicated.<sup>6</sup>Uncommitted CCC inventory.<sup>7</sup>Preliminary.<sup>8</sup>Producers who exceed their NCA will be eligible for the lower target price.<sup>9</sup>Acquired through direct purchases by CCC for future Food Aid Assistance Programs.

Agricultural Stabilization and Conservation Service.

Table 10.—Wheat: Production, disposition, and value, by States, crop of 1979 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Ala.....	2,470	588	1,882	3.95	9,757	7,424
Ariz.....	9,540	639	8,901	3.77	35,968	33,558
Ark.....	14,700	941	13,759	3.70	54,890	50,908
Calif.....	58,200	3,492	54,708	4.13	240,270	225,854
Colo.....	70,183	1,965	68,218	3.65	256,039	248,871
Del.....	1,020	91	929	4.15	4,233	3,855
Ga.....	5,600	745	4,855	3.75	21,000	18,206
Idaho.....	74,140	2,298	71,842	3.52	261,138	253,041
Ill.....	55,900	2,848	53,052	4.00	223,600	214,208
Ind.....	44,415	2,265	42,150	4.00	177,660	168,600
Iowa.....	2,664	216	2,448	3.80	8,791	8,078
Kans.....	410,400	11,491	398,909	3.75	1,539,000	1,495,909
Ky.....	11,020	959	10,061	4.00	44,080	40,244
La.....	756	63	693	3.90	2,948	2,703
Md.....	4,218	434	3,784	4.10	17,294	15,514
Mich.....	33,755	1,215	32,540	3.85	129,957	125,279
Minn.....	90,884	2,531	87,853	3.71	335,774	326,371
Miss.....	3,680	258	3,422	4.10	15,088	14,080
Mo.....	70,400	3,942	66,458	3.80	267,520	252,540
Mont.....	116,475	5,241	111,234	3.63	423,064	404,028
Nebr.....	86,700	3,295	83,405	3.70	320,790	308,599
Nev.....	1,610	469	1,141	4.09	6,577	4,661
N.J.....	1,476	142	1,334	4.00	5,904	5,336
N.Mex.....	8,756	438	8,318	4.00	35,024	33,272
N.Y.....	6,560	695	5,865	3.75	24,600	21,994
N.C.....	7,560	1,134	6,426	3.70	27,972	23,776
N.Dak.....	252,235	8,576	243,659	3.80	958,413	925,827
Ohio.....	63,960	3,231	60,729	4.10	259,776	246,529
Okla.....	216,600	7,581	209,019	3.95	855,570	825,625
Oreg.....	57,310	1,719	55,591	3.85	220,644	214,025
Pa.....	8,122	1,681	6,441	4.25	34,519	27,374
S.C.....	3,597	543	3,054	3.90	14,028	11,911
S.Dak.....	60,060	3,724	56,336	3.65	219,439	205,880
Tenn.....	10,030	1,244	8,786	3.80	38,114	33,387
Tex.....	138,000	4,830	133,170	3.90	538,200	519,863
Utah.....	6,880	728	5,952	3.61	24,136	21,506
Va.....	6,800	1,449	4,351	4.10	25,830	19,889
Wash.....	118,000	2,006	115,994	3.95	466,100	458,176
W.Va.....	340	154	186	4.00	1,360	744
Wis.....	2,162	110	2,052	3.70	8,000	7,593
Wyo.....	6,354	388	5,966	3.60	22,850	21,459
U.S.....	2,141,782	85,859	2,055,873	3.82	8,175,467	7,846,157

Economics, Statistics, and Cooperative Services—Crop Reporting Board.



Table 11.—Wheat: Area, yield per hectare, and production in specified countries, 1977-79<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>
North America:	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Canada .....	10,118	10,584	10,501	1.94	2.00	1.69	19,651	21,168	17,746
Guatemala .....	44	62	59	.98	.89	1.02	43	55	60
Honduras .....	1	.....	.....	1.00	.....	.....	1	.....	.....
Mexico .....	710	760	640	3.31	3.09	3.28	2,350	2,350	2,100
United States .....	26,791	23,002	25,172	2.06	2.13	2.29	55,139	48,962	57,535
Total .....	37,664	34,408	36,372	2.05	2.11	2.13	77,184	72,535	77,441
South America:									
Argentina .....	3,973	4,685	4,900	1.31	1.73	1.59	5,200	8,100	7,800
Bolivia .....	73	75	75	.66	.80	.67	48	60	50
Brazil .....	2,800	2,791	3,600	.71	.95	.69	2,000	2,691	2,500
Chile .....	510	561	560	1.69	1.77	1.70	862	995	950
Colombia .....	38	25	34	1.21	1.28	1.29	46	37	44
Ecuador .....	40	25	15	.90	.96	.93	36	24	14
Paraguay .....	30	33	35	1.50	1.52	1.29	45	50	45
Peru .....	140	100	120	1.07	.90	.92	150	90	110
Uruguay .....	280	192	280	.57	.91	1.00	160	174	280
Venezuela .....	2	2	2	.50	.50	.50	1	1	1
Total .....	7,886	8,493	9,621	1.08	1.44	1.23	8,548	12,222	11,794
Europe:									
Belgium-Luxembourg ..	193	196	198	4.07	5.21	5.04	786	1,022	997
Denmark .....	115	122	115	5.26	5.35	5.39	605	653	620
France .....	4,125	4,164	3,905	4.23	5.06	4.79	17,450	21,056	18,695
Germany, Fed. Rep. of	1,589	1,619	1,657	4.48	5.01	4.81	7,126	8,118	7,970
Ireland .....	48	49	49	4.98	5.31	5.31	239	260	260
Italy .....	2,837	3,472	3,366	2.34	2.65	2.61	6,650	9,191	8,800
Netherlands .....	126	121	140	5.24	6.55	5.71	660	792	800
United Kingdom .....	1,073	1,263	1,325	4.87	5.24	5.13	5,230	6,615	6,800
Total EC .....	10,106	11,006	10,756	3.83	4.33	4.18	38,746	47,707	44,942
Austria .....	285	286	273	3.76	4.18	3.09	1,072	1,195	843
Finland .....	131	117	99	2.43	2.06	2.52	318	241	249
Greece .....	907	954	933	1.89	2.79	2.58	1,716	2,660	2,411
Malta .....	1	1	1	2.00	2.00	2.00	2	2	2
Norway .....	21	21	20	3.67	3.81	3.85	77	80	77
Portugal .....	279	351	365	.67	.72	.60	186	252	219
Spain .....	2,752	2,724	2,546	1.46	1.76	1.65	4,020	4,795	4,191
Sweden .....	376	287	244	4.15	4.49	4.27	1,562	1,290	1,043
Switzerland .....	88	86	84	3.75	4.47	4.58	330	384	385
Total Western Europe	14,946	15,833	15,321	3.21	3.70	3.55	48,029	58,606	54,362
Albania .....	170	170	170	2.29	2.29	2.06	390	390	350
Bulgaria .....	795	750	750	3.79	4.58	4.27	3,011	3,434	3,200
Czechoslovakia .....	1,280	1,274	1,100	4.06	4.40	3.45	5,200	5,600	3,800
German Dem. Rep. ....	790	686	730	3.92	4.59	4.11	3,100	3,147	3,000
Hungary .....	1,311	1,324	1,138	4.05	4.28	3.25	5,312	5,665	3,700
Poland .....	1,834	1,852	1,549	2.90	3.25	2.84	5,310	6,022	4,400
Romania .....	2,269	2,284	2,150	2.86	2.71	2.56	6,491	6,190	5,500
Yugoslavia .....	1,604	1,711	1,525	3.50	3.13	2.93	5,621	5,355	4,470
Total Eastern Europe	10,053	10,051	9,112	3.43	3.56	3.12	34,435	35,803	28,420
Total Europe .....	24,999	25,884	24,433	3.30	3.65	3.39	82,464	94,409	82,782
Soviet Union (Europe and Asia) .....	62,030	62,898	57,500	1.48	1.92	1.50	92,042	120,820	86,000
Africa:									
Algeria .....	2,150	2,150	2,150	.70	.84	.74	1,500	1,800	1,600
Angola .....	13	17	16	.77	.59	.63	10	10	10
Egypt .....	507	580	580	3.35	3.33	3.57	1,697	1,933	2,070
Ethiopia .....	600	464	600	.83	.84	.83	500	390	500
Kenya .....	122	117	100	1.14	1.32	1.20	139	155	120
Libya .....	120	120	120	.67	.82	.63	80	98	75
Morocco .....	1,952	1,754	1,800	.66	1.07	1.00	1,288	1,877	1,796
Mozambique .....	6	6	6	.50	.50	.50	3	3	3
Nigeria .....	5	5	6	1.60	1.60	1.50	8	8	9
South Africa .....	1,705	1,792	1,901	1.06	.94	1.15	1,815	1,690	2,185
Sudan .....	200	220	220	1.85	1.00	.88	370	220	150

See footnotes at end of table.

Table 11.—Wheat: Area, yield per hectare, and production in specified countries, 1977-79<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Tanzania .....	50	50	55	1.00	0.76	0.55	50	38	30
Tunisia .....	1,100	1,000	1,050	.51	.72	.67	560	720	700
Zambia .....	1	2	2	2.00	5.00	5.50	2	10	11
Zaire .....	3	4	5	.67	1.00	1.00	2	4	5
Zimbabwe .....	28	35	35	3.04	2.57	2.57	85	90	90
<b>Total .....</b>	<b>8,562</b>	<b>8,316</b>	<b>8,646</b>	<b>.95</b>	<b>1.09</b>	<b>1.08</b>	<b>8,109</b>	<b>9,046</b>	<b>9,354</b>
<b>Asia:</b>									
Afghanistan .....	3,000	2,300	2,400	.88	1.22	.92	2,640	2,800	2,200
Bangladesh .....	181	275	330	1.96	1.77	2.55	355	486	840
Burma .....	83	110	70	.78	.86	.93	65	95	65
China, Mainland .....	27,500	27,600	28,200	1.47	1.63	1.76	40,500	45,000	49,500
Cyprus .....	65	65	65	1.00	.38	.38	65	25	25
India .....	20,863	21,456	22,220	1.39	1.48	1.57	29,082	31,749	34,982
Iran .....	5,000	5,000	4,550	1.00	1.06	1.10	5,000	5,300	5,000
Iraq .....	857	1,496	1,700	.81	.61	.52	696	910	880
Israel .....	107	76	60	2.15	1.91	2.17	230	145	130
Japan .....	86	112	149	2.74	3.27	3.63	236	366	541
Jordan .....	125	76	50	1.12	.68	.30	140	52	15
Korea, Dem. Peo.									
Rep. of .....	160	160	160	.53	.63	.63	85	100	100
Korea, Rep. of .....	27	17	40	1.67	2.12	1.05	45	36	42
Lebanon .....	35	35	35	1.43	1.29	1.14	50	45	40
Nepal .....	280	280	360	1.29	1.29	1.11	360	360	400
Outer Mongolia .....	324	324	324	.86	.86	.86	280	280	280
Pakistan .....	6,354	6,360	6,720	1.41	1.30	1.48	8,941	8,289	9,915
Saudi Arabia .....	58	58	60	2.59	3.02	3.33	150	175	200
Syria .....	1,000	1,550	1,400	1.00	1.06	.89	1,000	1,650	1,250
Turkey .....	8,400	8,600	8,600	1.61	1.55	1.48	13,500	13,300	12,700
Yemen (Sana) .....	70	65	75	1.29	1.23	1.33	90	80	100
Yemen, PDR (Aden) ...	14	14	14	1.00	1.00	1.00	14	14	14
<b>Total .....</b>	<b>74,589</b>	<b>76,029</b>	<b>77,582</b>	<b>1.39</b>	<b>1.46</b>	<b>1.54</b>	<b>103,524</b>	<b>111,257</b>	<b>119,219</b>
<b>Oceania:</b>									
Australia .....	10,236	10,113	11,770	.91	1.81	1.36	9,350	18,300	16,000
New Zealand .....	100	86	92	3.80	3.66	3.66	380	315	337
<b>Total .....</b>	<b>10,336</b>	<b>10,199</b>	<b>11,862</b>	<b>.94</b>	<b>1.83</b>	<b>1.38</b>	<b>9,730</b>	<b>18,615</b>	<b>16,337</b>
<b>World total .....</b>	<b>226,066</b>	<b>226,227</b>	<b>226,016</b>	<b>1.69</b>	<b>1.94</b>	<b>1.78</b>	<b>381,601</b>	<b>438,904</b>	<b>402,927</b>

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1979 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1979 and end early in 1980.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 12.—Wheat and wheat flour: United States imports, 1965-78

Year beginning June	Wheat		Flour (wheat equivalent) <sup>2</sup>	Other products (wheat equivalent) <sup>3</sup>	Total wheat, flour, and other products	Wheat for milling in bond and export as flour
	Suitable for milling <sup>1</sup>	Unfit for human consumption				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1965	4	552	87	277	920	0
1966	891	400	174	368	1,833	0
1967	( <sup>4</sup> )	460	27	438	925	0
1968	( <sup>4</sup> )	484	91	471	1,046	0
1969	794	1,417	55	567	2,833	0
1970	397	265	90	723	1,475	0
1971	101	82	89	781	1,053	0
1972	29	52	90	1,131	1,302	0
1973	1,262	70	178	1,113	2,625	0
1974	1,734	109	387	1,134	3,364	0
1975	631	344	92	1,307	2,374	0
1976	1,298	20	32	1,381	2,731	0
1977	424	2	20	1,475	1,921	0
1978	18	15	45	1,772	1,850	0

<sup>1</sup>Imports of wheat of milling quality have been limited to a quota of 800,000 bushels per year since May 29, 1941, of which 795,000 bushels may come from Canada. Quantities in excess of the 800,000-bushel quota represent quota-free imports of seed wheat authorized by Presidential Proclamation 2550, April 16, 1942. During the war years 1943-44 and 1944-45 this import restriction was waived. As of Jan. 26, 1974, import quotas for wheat and milled wheat products were suspended.

<sup>2</sup>Imports of flour have been limited to a quota of 4,000,000 pounds per year since May 29, 1941, of which 3,815,000 pounds may come from Canada (total quota is 93,200 bushels, wheat equivalent). Flour for special experimental purposes may be imported ex-quota. Excludes flour "free for export."

<sup>3</sup>Includes macaroni, semolina, and similar products.

<sup>4</sup>Less than 500 bushels.

Economics, Statistics, and Cooperatives Service—Economics.

Table 13.—Wheat and wheat flour: United States exports under specified Government programs, 1965-78

Year <sup>1</sup>	Public Law 480					Mutual Security (AID) <sup>7</sup>	Total specified Govern- ment programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to- government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1965	385,492	80,969	32,598	25,216	5,078	177	529,530
1966	215,152	39,719	24,082	15,779	1,869	2,194	298,745
1967	225,308	117,729	26,654	12,547	.....	746	382,984
1968	82,558	111,940	36,151	9,951	.....	1,515	242,115
1969	69,447	154,697	33,668	11,430	.....	.....	269,242
1970	46,970	143,267	30,477	11,381	.....	966	233,061
1971	22,686	153,382	37,858	13,006	.....	754	227,686
1972	.....	90,576	35,954	12,603	.....	8-86	139,047
1973	.....	26,355	10,891	8,502	.....	11,074	56,822
1974	.....	102,289	6,705	7,873	.....	.....	116,847
1975	.....	105,861	2,734	7,046	.....	8,348	123,989
( <sup>8</sup> )	.....	(44,350)	(2,752)	(1,526)	.....	(6,481)	(55,109)
1976	.....	133,504	8,887	17,842	.....	15,836	158,277
1977	.....	127,137	6,851	12,983	.....	13,808	160,779
1978	.....	129,283	6,714	11,174	.....	118	147,289

<sup>1</sup>Year beginning July 1 for 1965-75 and Oct. 1 beginning 1976.

<sup>2</sup>Authorized by Title I, P.L. 480.

<sup>3</sup>Ship-

ments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480 amended by P.L. 89-808.

<sup>4</sup>Authorized by Title II, P.L. 480.

<sup>5</sup>Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967.

<sup>6</sup>Authorized by Sec. 303, Title III, P.L. 480, and other legislation.

<sup>7</sup>Foreign Assistance Act of 1961, as amended.

<sup>8</sup>Negative quantity due to adjustments for prior periods.

<sup>9</sup>Transition quarter July 1, 1976 to Sept. 30, 1976.

Economics, Statistics, and Cooperatives Service—Economics.

Table 14.—Wheat and wheat flour in terms of grain: International trade, 1976-1978

Country	Year beginning July					
	1976		1977		1978 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Principal exporters:						
Canada .....	12,882	.....	15,860	.....	13,459	.....
United States <sup>2</sup> .....	26,080	82	31,537	54	32,400	27
Argentina .....	5,600	.....	2,600	.....	3,300	.....
Australia .....	8,515	.....	11,081	.....	6,700	.....
Uruguay .....	104	.....	.....	112	.....	224
Bulgaria .....	.....	100	.....	100	200	.....
France .....	6,780	187	7,500	389	9,200	530
Italy .....	770	2,431	770	4,180	1,116	2,527
Romania .....	1,385	925	1,400	500	300	300
Spain .....	29	107	16	168	100	200
Sweden .....	903	13	792	10	487	20
Soviet Union .....	1,000	4,600	1,000	6,649	1,500	5,142
Algeria .....	.....	1,338	.....	1,591	.....	1,600
Morocco .....	.....	1,034	.....	1,768	.....	1,412
Syria .....	10	316	3	664	.....	434
Tunisia .....	.....	457	.....	761	.....	603
Turkey .....	52	.....	1,256	6	1,896	.....
Total <sup>3</sup> .....	64,110	11,590	73,815	16,952	70,658	13,019
Principal importers:						
Jamaica .....	.....	61	.....	54	.....	90
Trinidad and Tobago .....	.....	100	.....	110	.....	110
Cuba .....	.....	922	.....	1,060	.....	1,000
Brazil .....	.....	2,911	.....	3,099	.....	3,700
Peru .....	.....	718	.....	772	.....	724
Austria .....	.....	16	232	6	173	3
Belgium and Luxembourg .....	547	699	362	781	950	1,400
Denmark .....	190	6	205	35	151	23
Finland .....	159	6	12	32	.....	268
Germany, Fed. Rep. of .....	1,379	1,480	1,656	1,590	1,100	1,361
Greece .....	240	2	260	2	803	2
Ireland .....	22	202	24	239	35	220
Netherlands .....	568	1,373	932	1,393	1,140	1,629
Norway .....	.....	305	.....	330	10	335
Switzerland .....	14	273	12	282	12	295
United Kingdom .....	88	3,424	334	3,680	182	2,750
Yugoslavia .....	13	561	10	220	80	220
Egypt .....	.....	4,028	.....	4,330	.....	4,800
South Africa .....	200	.....	162	.....	140	.....
India .....	3,804	.....	487	606	100	700
Indonesia .....	.....	1,155	.....	1,127	.....	1,225
Israel .....	.....	536	.....	436	.....	575
Japan .....	36	5,521	50	5,764	88	5,744
Korea, Rep. of .....	.....	1,993	.....	1,806	.....	1,600
Lebanon .....	.....	347	5	237	3	305
Malaysia .....	23	428	36	504	29	450
Pakistan .....	.....	348	.....	1,005	.....	2,100
Philippines .....	.....	775	.....	760	.....	717
Total <sup>3</sup> .....	7,283	28,190	4,779	30,260	4,996	32,346

<sup>1</sup> Preliminary.<sup>2</sup> United States exports exclude exports of flour milled in bond from imported wheat.<sup>3</sup> Total for indicated countries only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.



Table 15.—Wheat and flour:<sup>1</sup> United States exports (domestic) by country of destination, 1977 and 1978

Country of destination	Year <sup>2</sup>		Country of destination	Year <sup>2</sup>	
	1977	1978		1977	1978
	Metric tons	Metric tons		Metric tons	Metric tons
Wheat:			Wheat flour, wholly of U.S. wheat:		
Canada .....	(3)		Central America .....	6,024	7,609
Central America:	493,106	443,132	Jamaica .....	40,995	31,011
Caribbean .....	257,603	213,822	Trinidad and Tobago .....	116	151
Brazil .....	2,692,885	1,663,091	Other Caribbean .....	12,276	18,795
Chile .....	872,628	537,456	Bolivia .....	6,474	6,772
Colombia .....	507,608	423,555	Brazil .....	731	2,301
Ecuador .....	231,636	255,778	Chile .....	11,269	11,617
Peru .....	397,808	338,449	Colombia .....	3,491	2,054
Venezuela .....	722,046	746,271	Guyana .....	3,355	386
Other Americas .....	574,210	1,400,236	Other Americas .....	14,438	19,261
Total Americas .....	6,749,530	6,021,790	Total Americas .....	99,169	99,937
Belgium and Luxembourg .....	21,428	114,699	Greece .....	54	21
France .....	172,474	133,402	Netherlands .....	1,861	1,877
Germany, Fed. Rep. of .....	194,965	71,092	Portugal .....		68
Ireland .....			Other Europe .....	4,036	2,570
Italy .....	515,733	285,131	Total Europe .....	5,951	4,536
Netherlands .....	864,577	706,874			
Norway .....	63,596	38,266	Sri Lanka .....	214,548	145,949
Portugal .....	425,069	626,158	Japan .....	71	197
Spain .....	95,295	112,231	Jordan .....	4,451	4,365
Switzerland .....	31,724	6,691	Korea, Rep. of .....	46	65
United Kingdom .....	148,611	330,352	Lebanon .....	1,549	379
Other Europe .....	4,363,491	4,763,599	Philippines .....	21,795	26,737
Total Europe .....	6,896,963	7,188,495	Saudi Arabia .....	222,317	166,974
			Other Asia .....	44,889	50,206
China, Taiwan .....	626,214	680,356	Total Asia .....	509,666	394,872
India .....	111,604	454			
Iran .....	1,129,889	816,032	Ghana .....	119	
Israel .....	424,956	560,677	Morocco .....	38,280	18,895
Japan .....	3,174,685	3,336,617	Other Africa .....	621,759	594,543
Korea, Rep. of .....	1,629,061	1,678,635	Total Africa .....	660,158	613,438
Lebanon .....	80,147	72,048			
Pakistan .....	1,063,596	794,756	Oceania .....	2,177	4,469
Philippines .....	633,409	797,794	World total .....	1,277,121	1,117,252
Syria .....	7,670	35,223			
Turkey .....			Relief or charity <sup>4</sup> .....	155,443	163,541
Other Asia .....	3,141,068	4,523,163			
Algeria .....	682,153	387,385			
Morocco .....	865,374	167,711			
South Africa .....					
Tunisia .....	178,178	199,131			
Other Africa .....	2,672,504	2,602,710			
Other countries .....	1,745,554	1,477,093			
World total .....	31,812,555	31,340,070			
Relief or charity <sup>4</sup> .....	248,620	178,669			

<sup>1</sup>Flour reported in terms of grain equivalent.<sup>2</sup>Year beginning Oct. 1.<sup>3</sup>Transshipments through Canada have been included in data for countries of ultimate destination.<sup>4</sup>Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 16.—International Wheat Agreement: Recorded exports of wheat and flour (grain equivalent), crop year 1978-79<sup>1</sup>

Member country imports	Member country exports							
	United States	Canada	European Community	Australia	Argentina	Sweden	Greece	Grand total
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Algeria .....	487,400	375,328	134,074	.....	.....	10,500	.....	1,007,302
Australia .....	.....	.....	35	.....	.....	.....	.....	35
Austria .....	.....	.....	2,928	.....	.....	.....	.....	2,928
Barbados .....	775	9,171	6,748	.....	.....	.....	.....	16,694
Bolivia .....	165,441	.....	37,836	.....	58,000	.....	.....	261,277
Brazil .....	1,474,445	1,061,600	277,488	.....	925,153	.....	.....	3,738,686
Canada .....	11,299	.....	98	.....	.....	.....	.....	11,397
Costa Rica .....	105,771	.....	.....	.....	.....	.....	.....	105,771
Cuba .....	.....	1,040,202	.....	.....	.....	.....	.....	1,040,202
Dominican Republic .....	128,955	.....	.....	.....	.....	.....	.....	128,955
Egypt .....	1,967,451	98,410	1,512,727	1,252,762	.....	.....	.....	4,881,350
Ecuador .....	252,002	3,844	.....	.....	.....	.....	.....	255,846
El Salvador .....	81,506	.....	.....	.....	.....	.....	.....	81,506
European Community:	.....	.....	.....	.....	.....	.....	.....	.....
Belgium .....	31,600	35,959	.....	.....	.....	.....	.....	67,559
Denmark .....	.....	660	.....	36	.....	.....	.....	696
France .....	206,700	64,960	.....	.....	12,000	.....	.....	283,660
Germany, Fed. Rep. of .....	216,500	72,717	.....	74	200	.....	.....	289,491
Italy .....	511,700	494,764	.....	.....	220,999	.....	.....	1,227,463
Netherlands .....	1,076,429	65,213	.....	.....	23,046	29,600	.....	1,194,288
United Kingdom .....	160,500	1,238,676	.....	.....	.....	.....	.....	1,399,176
Unspecified <sup>2</sup> .....	.....	.....	.....	.....	.....	.....	.....	.....
Finland .....	58,100	5,530	36,469	.....	31,696	10,800	.....	142,595
Greece .....	14,500	1,229	1,733	.....	.....	.....	.....	17,462
Guatemala .....	78,847	.....	.....	.....	.....	.....	.....	78,847
India .....	270,788	.....	.....	40,002	.....	.....	.....	310,790
Iran .....	977,400	94	3,796	.....	1,333	.....	.....	982,623
Iraq .....	488,000	19,107	11	481,297	.....	.....	.....	988,415
Israel .....	532,233	.....	23,820	.....	.....	.....	.....	556,053
Japan .....	3,186,933	1,224,771	.....	1,160,766	.....	.....	.....	5,572,470
Kenya .....	49,487	77	302	6,000	.....	.....	.....	55,866
Korea, Rep. of .....	1,671,200	25,167	.....	.....	.....	.....	.....	1,696,367
Lebanon .....	81,214	159,148	44,765	21,000	.....	.....	.....	306,127
Libya .....	.....	.....	151,116	.....	.....	.....	.....	151,116
Malta .....	11,200	.....	5,152	.....	.....	.....	.....	16,352
Mauritius .....	.....	276	44,203	18,920	.....	.....	.....	63,399
Morocco .....	224,297	21,000	896,646	.....	39,300	2,700	.....	1,183,943
Nigeria .....	958,363	20,157	112,012	.....	.....	.....	.....	1,090,532
Norway .....	65,700	66,297	20,294	95	40,069	129,800	.....	322,255
Pakistan .....	1,515,620	147,861	73,173	244,879	9,896	.....	.....	1,991,429
Panama .....	49,040	.....	.....	.....	.....	.....	.....	49,040
Peru .....	307,710	148,376	.....	.....	299,141	.....	.....	755,227
Portugal .....	564,700	38,761	239,326	.....	26,500	.....	.....	869,287
Saudi Arabia .....	340,762	4,632	228,378	107,150	.....	.....	.....	680,922
South Africa .....	140,200	48	324	.....	.....	.....	.....	372
Spain .....	.....	59,714	350	.....	3,485	.....	.....	203,749
Sweden .....	.....	4,210	2,976	267	.....	.....	.....	7,453
Switzerland .....	68,200	63,037	128,116	.....	.....	.....	.....	259,353
Syria .....	8,911	.....	385,286	.....	.....	.....	.....	344,197
Trinidad and Tobago .....	19,100	86,441	1,325	.....	.....	.....	.....	106,866
Tunisia .....	134,648	73,411	205,193	.....	20,983	.....	.....	434,225
Turkey .....	150	.....	.....	.....	.....	.....	.....	150
United Kingdom Territories .....	111,929	64,957	7,984	445	.....	.....	.....	185,315
United States .....	.....	.....	1,685	.....	.....	.....	.....	1,685
Soviet Union .....	2,966,700	1,746,809	5,000	136,145	.....	.....	.....	4,854,654
Vatican City .....	.....	.....	45	.....	.....	.....	.....	45
Venezuela .....	731,600	10,325	.....	.....	.....	.....	.....	741,925
Total .....	22,506,006	8,552,939	4,541,404	3,469,838	1,711,801	183,400	.....	40,965,388

<sup>1</sup>Data in this table are limited to exports and imports of wheat and flour during July 1, 1978 through June 30, 1979 by countries which are members of the International Wheat Agreement (IWA); they exclude approximately 25 million metric tons of wheat and flour exported to or imported from countries which are not members of the IWA.

<sup>2</sup>Country of destination within EC not reported to International Wheat Council.

Foreign Agricultural Service. Data from International Wheat Council Report for crop year 1978/79.



Table 17.—Rye: Area, yield, production, disposition, and value, United States, 1965-79

Year	Area		Yield per harvested acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production
	Planted <sup>1</sup>	Harvested			For seed	Fed to livestock			
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1965 .....	4,237	1,473	22.6	33,307	1,562	3,347	28,398	0.977	32,983
1966 .....	3,980	1,276	21.8	27,791	1,458	3,119	23,214	1.06	29,977
1967 .....	3,660	1,063	22.5	23,949	1,293	2,626	20,030	1.07	26,001
1968 .....	3,425	996	23.1	22,971	1,391	2,354	19,226	1.02	23,666
1969 .....	3,959	1,291	23.4	30,204	<sup>3</sup> 4,594		25,610	1.01	30,647
1970 .....	4,196	1,427	25.8	36,840	5,696		31,144	.990	36,711
1971 .....	4,842	1,751	28.1	49,223	6,497		42,726	.898	44,844
1972 .....	3,458	1,050	26.9	28,256	4,216		24,040	.963	27,791
1973 .....	3,380	955	25.8	24,677	4,672		20,005	1.91	46,532
1974 .....	2,828	784	22.3	17,506	3,850		13,656	2.51	43,876
1975 .....	2,829	729	21.9	15,958	3,659		12,299	2.36	37,491
1976 .....	2,652	721	20.7	14,951	3,660		11,291	2.47	37,199
1977 .....	2,652	704	24.6	17,312	3,866		13,446	2.05	36,029
1978 .....	2,985	995	26.3	26,160	5,277		20,889	1.98	52,474
1979 <sup>4</sup> .....	3,077	949	25.9	24,549	4,769		19,780	2.05	51,330

<sup>1</sup>Includes rye sown in preceding fall.

<sup>2</sup>Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>3</sup>Beginning 1969, not estimated separately.

<sup>4</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 18.—Rye: Stocks on and off farms, United States, 1965-79

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1965 .....	18,223	13,136	9,538	3,949	17,822	15,677	14,869	15,056
1966 .....	15,536	9,552	7,532	3,580	22,188	18,821	16,756	15,097
1967 .....	12,240	8,652	6,756	3,724	20,998	19,010	16,407	14,288
1968 .....	13,250	8,770	5,841	1,990	18,314	15,425	14,097	13,967
1969 .....	15,598	10,610	7,321	2,797	21,946	18,729	16,981	18,333
1970 .....	20,313	14,437	10,219	2,328	27,829	26,367	24,142	25,548
1971 .....	28,306	21,500	17,172	11,541	36,435	33,115	32,158	34,091
1972 .....	20,701	15,471	12,641	6,607	40,632	38,058	35,781	26,484
1973 .....	13,764	7,343	4,194	2,603	22,152	13,640	13,456	8,214
1974 .....	10,935	6,082	3,861	2,717	8,881	5,509	4,080	2,941
1975 .....	9,002	5,308	2,926	2,033	5,654	3,777	2,830	2,371
1976 .....	7,944	4,739	2,841	1,953	6,120	4,151	3,367	2,465
1977 .....	10,686	6,382	4,159	2,706	4,074	2,910	1,963	1,431
1978 .....	17,120	11,087	8,662	6,724	6,877	5,178	3,895	2,947
1979 <sup>3</sup> .....	18,467	12,317	10,215	.....	8,165	6,842	6,018	.....

<sup>1</sup>Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.

<sup>2</sup>Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 19.—Rye: Supply and disappearance, United States, 1965–79

Year beginning June	Supply				Disappearance								Ending stocks May 31
	Begin ning stocks	Pro- duc- tion	Im- ports	Total	Domestic use					Ex- ports	Total disap- pear- ance		
					Food	Seed	Indus- try	Feed 1	Total				
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	
1965 .....	14,102	33,307	1,972	49,381	5,237	5,682	4,278	9,935	25,132	3,730	28,912	20,469	
1966 .....	20,469	27,791	1,501	49,761	5,153	5,422	4,712	9,895	25,182	4,205	29,387	20,374	
1967 .....	20,374	23,949	759	45,082	5,704	5,143	4,755	6,968	22,570	2,993	25,563	19,519	
1968 .....	19,519	22,971	1,056	43,546	5,563	5,753	4,697	9,157	25,170	1,082	26,252	17,294	
1969 .....	17,294	30,204	472	47,970	5,392	6,054	4,310	9,529	25,285	805	26,090	21,880	
1970 .....	21,880	36,540	1,047	59,767	5,430	6,873	3,522	11,407	27,232	3,204	30,436	29,331	
1971 .....	29,331	49,223	241	78,795	5,195	5,262	3,005	16,276	29,738	2,177	31,915	46,880	
1972 .....	46,880	28,256	154	75,290	5,122	5,321	3,038	16,458	29,939	6,535	36,474	38,816	
1973 .....	38,816	24,677	1	63,494	6,250	4,967	2,547	8,042	21,806	27,513	49,319	14,175	
1974 .....	14,175	17,506	277	31,958	5,459	4,215	1,386	7,811	18,871	6,465	25,336	6,622	
1975 .....	6,622	15,958	944	23,524	4,172	4,217	2,060	7,554	18,008	1,117	19,120	4,404	
1976 .....	4,404	14,951	248	19,603	3,696	4,217	1,930	5,304	15,147	88	15,185	4,418	
1977 .....	4,418	17,312	127	21,857	3,648	4,806	1,875	7,367	17,696	24	17,720	4,137	
1978 <sup>2</sup> .....	4,137	26,160	145	30,442	3,690	4,900	2,369	9,453	20,412	359	20,771	9,671	
1979 <sup>2</sup> .....	9,671	24,549	200	34,420	.....	.....	.....	.....	.....	.....	.....	.....	

<sup>1</sup>Residual item; roughly approximates total use as feed.<sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 20.—Rye: Area, yield, and production, by States 1977–79

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Colo	30	30	42	4	5	5	20.0	21.0	20.0	80	105	100
Del	30	35	40	4	4	4	25.0	25.0	24.0	100	100	96
Ga	425	490	510	95	110	110	21.0	23.0	21.0	1,995	2,530	2,310
Ill	65	65	70	15	16	17	22.0	23.0	23.0	330	368	391
Ind	55	40	40	10	9	8	26.0	25.0	26.0	260	225	208
Iowa	20	19	22	4	5	5	29.0	30.0	29.0	116	150	145
Kans	60	90	90	10	15	18	18.0	21.0	28.0	180	315	504
Ky	56	59	66	4	4	4	27.0	27.0	24.0	108	108	96
Md	62	70	70	8	9	9	29.0	30.0	29.0	232	270	261
Mich	115	130	135	19	25	25	24.0	24.0	25.0	456	600	625
Minn	104	115	100	84	98	91	29.0	24.0	25.0	2,436	2,352	2,275
Mo	65	47	55	6	7	8	27.0	25.0	23.0	162	175	184
Nebr	90	95	100	50	53	50	21.0	19.0	22.0	1,050	1,007	1,100
N.J.	76	76	79	9	11	10	29.0	23.0	25.0	261	253	250
N.Y.	105	105	107	9	9	10	31.0	31.0	32.0	279	279	320
N.C.	130	135	145	21	20	20	19.0	23.0	23.0	399	460	460
N.Dak	110	220	210	80	205	185	26.0	31.0	28.0	2,080	6,355	5,180
Ohio	80	85	85	8	8	8	31.0	30.0	30.0	248	240	240
Okla	190	190	200	34	30	35	19.0	19.0	26.0	646	570	910
Oreg	35	36	40	5	7	7	25.0	25.0	24.0	125	175	168
Pa	65	65	65	12	16	17	31.0	32.0	27.0	372	512	459
S.C.	120	125	130	32	38	31	20.0	22.0	21.0	640	836	651
S.Dak	175	240	280	120	220	210	29.0	31.0	30.0	3,480	6,820	6,800
Tenn. <sup>3</sup>	22	24	.....	2	2	.....	23.0	19.0	.....	46	38	.....
Tex	150	150	170	25	29	27	16.0	14.0	19.0	400	406	513
Va	150	180	180	14	17	16	25.0	25.0	24.0	350	425	384
Wash. <sup>3</sup>	23	23	.....	3	3	.....	20.0	21.0	.....	60	63	.....
Wis	35	40	40	14	17	16	26.0	21.0	23.0	364	357	368
Wyo	9	6	6	3	3	3	19.0	22.0	17.0	57	66	51
U.S	2,652	2,985	3,077	704	995	949	24.6	26.3	25.9	17,312	26,160	24,549

<sup>1</sup>Relates to the total area of rye sown for all purposes.<sup>2</sup>Preliminary.<sup>3</sup>Estimates discontinued after 1978 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 21.—Rye: Production, disposition, and value, by States, crop of 1979 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Colo.....	100	21	79	2.35	235	186
Del.....	96	26	70	2.75	264	193
Ga.....	2,310	924	1,386	1.75	4,043	2,426
Ill.....	391	59	332	2.60	1,017	863
Ind.....	208	69	139	2.80	582	389
Iowa.....	145	51	94	3.10	450	291
Kans.....	504	151	353	1.90	958	671
Ky.....	96	26	70	2.15	206	151
Md.....	261	107	154	2.75	718	424
Mich.....	625	244	381	2.75	1,719	1,048
Minn.....	2,275	159	2,116	2.20	5,005	4,655
Mo.....	184	37	147	2.45	451	360
Nebr.....	1,100	220	880	2.05	2,255	1,804
N.J.....	250	57	193	3.05	763	589
N.Y.....	320	106	214	2.50	800	535
N.C.....	460	161	299	2.85	1,311	852
N.Dak.....	5,180	466	4,714	1.70	8,806	8,014
Ohio.....	240	91	149	2.35	564	350
Okla.....	910	273	637	2.00	1,820	1,274
Oreg.....	168	22	146	2.20	370	321
Pa.....	459	285	174	3.30	1,515	574
S.C.....	651	189	462	3.25	2,116	1,502
S.Dak.....	6,300	630	5,670	1.90	11,970	10,773
Tex.....	513	133	380	2.70	1,385	1,026
Va.....	384	142	242	2.70	1,037	653
Wis.....	368	110	258	2.35	865	606
Wyo.....	51	10	41	2.05	105	84
U.S.....	24,549	4,769	19,780	2.05	51,330	40,614

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 22.—Rye: Price-support operations, United States, 1965-80

Year beginning July <sup>1</sup>	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1965.....	1.02	73	6.9	20.7	5.2	9.2
1966.....	1.02	72	2.4	8.6	1.6	7.3
1967.....	1.02	73	2.7	11.3	2.5	8.0
1968.....	1.02	72	4.6	19.7	3.0	<sup>5</sup> 10.9
1969.....	1.02	69	6.9	21.8	6.2	<sup>5</sup> 16.1
1970.....	1.02	68	12.1	32.9	11.2	<sup>5</sup> 20.9
1971.....	.89	57	20.0	40.6	11.5	<sup>5</sup> 31.0
1972.....	.89	56	6.9	23.6	1.5	<sup>5</sup> 1
1973.....	.89	51	.4	1.5	.....	.....
1974.....	.89	46	.2	1.0	.....	.....
1975.....	.89	39	.1	.6	.....	.....
1976.....	1.20	48	.1	1.0	.....	.....
1977.....	1.70	61	.9	5.4	.....	.....
1978.....	1.70	56	3.0	11.5	.....	.....
1979.....	1.70	49	<sup>6</sup> 2.0	<sup>6</sup> 8.2	.....	.....
1980.....	<sup>6</sup> 1.79	.....	.....	.....	.....	.....

<sup>1</sup>Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.

<sup>2</sup>Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup>Includes loans made, purchases, and purchase agreements entered into.

<sup>4</sup>Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup>Uncommitted CCC inventory.

<sup>6</sup>Preliminary.

Agricultural Stabilization and Conservation Service.

Table 23.—Rye: Area, yield per hectare, and production in specified countries, 1977-79<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>
North America:									
Canada	242	315	330	1.62	1.92	1.59	392	605	525
United States	318	403	379	1.45	1.65	1.58	462	665	599
Total	560	718	709	1.53	1.77	1.59	854	1,270	1,124
South America:									
Argentina	231	260	185	.74	.81	.92	170	210	170
Brazil	17	11	10	1.06	1.00	1.00	18	11	10
Chile	12	7	10	1.33	1.29	1.10	16	9	11
Ecuador									
Total	260	278	205	.78	.83	.93	204	230	191
Europe:									
Belgium-Luxembourg	20	17	14	3.35	3.76	3.79	67	64	53
Denmark	88	84	71	3.64	3.88	3.94	320	326	280
France	129	139	123	2.91	3.11	2.93	375	432	360
Germany, Fed. Rep. of	698	651	575	3.65	3.77	3.62	2,546	2,452	2,082
Italy	15	15	16	2.20	2.40	2.19	33	36	35
Netherlands	21	20	12	3.52	3.40	3.92	74	68	47
United Kingdom	11	9	10	3.91	2.78	2.00	43	25	20
Total EC	982	935	821	3.52	3.64	3.50	3,458	3,403	2,877
Austria	119	109	105	2.95	3.76	3.20	351	410	336
Finland	47	38	37	1.87	1.95	2.24	88	74	83
Greece	4	3	3	1.25	1.67	2.00	5	5	6
Norway	2	2	3	4.00	4.00	3.00	8	8	9
Portugal	209	222	226	.43	.47	.42	90	104	95
Spain	225	230	226	.91	1.13	.96	205	259	217
Sweden	116	81	57	3.14	3.68	3.35	364	298	191
Switzerland	8	10	10	3.88	4.50	4.50	31	45	45
Total Western Europe	1,712	1,630	1,488	2.69	2.83	2.59	4,600	4,606	3,859
Albania	12	12	12	.83	.83	.83	10	10	10
Bulgaria	15	10	10	1.33	1.20	1.40	20	12	14
Czechoslovakia	200	187	200	2.70	3.34	2.50	540	625	500
German Dem. Rep.	620	652	613	2.42	2.91	2.94	1,500	1,895	1,800
Hungary	91	78	69	1.56	1.74	1.45	142	136	100
Poland	3,116	3,030	2,868	2.01	2.45	1.74	6,257	7,427	5,000
Romania	40	40	35	1.23	1.25	1.14	49	50	40
Yugoslavia	68	62	55	1.28	1.31	1.36	87	81	75
Total Eastern Europe	4,162	4,071	3,862	2.07	2.51	1.95	8,605	10,236	7,539
Total Europe	5,874	5,701	5,350	2.25	2.60	2.13	13,205	14,842	11,398
Soviet Union (Europe and Asia)	6,697	7,719	6,500	1.26	1.76	1.23	8,471	13,603	8,000
Africa:									
South Africa	62	20	33	.06	.20	.09	4	4	3
Total	62	20	33	.06	.20	.09	4	4	3
Asia:									
Japan									59
Turkey	520	470	460	1.33	1.32	1.30	690	620	600
Total	520	470	460	1.33	1.32	1.43	690	620	659
Oceania:									
Australia	22	24	26	.55	.58	.69	12	14	18
Total	22	24	26	.55	.58	.69	12	14	18
World total	13,995	14,930	13,283	1.67	2.05	1.61	23,440	30,583	21,393

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1979 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1979 and end early in 1980. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 24.—Rice, rough: Area, yield, production, disposition, and value, United States, 1965-79

Year	Area planted	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per cwt. received by farmers <sup>1</sup>	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965	1,803.8	1,792.7	4,255	76,281	639	75,642	4.93	376,227
1966	1,980.3	1,967.2	4,322	85,020	658	84,362	4.95	421,018
1967	1,982.2	1,970.1	4,537	89,379	576	88,803	4.97	443,995
1968	2,366.6	2,353.4	4,425	104,142	680	103,462	5.00	521,237
1969	2,140.6	2,128.4	4,318	91,904	560	91,344	4.95	455,045
1970	1,825.8	1,814.7	4,618	83,805	456	83,349	5.17	433,186
1971	1,826.0	1,817.9	4,718	85,768	499	85,269	5.34	457,697
1972	1,824.0	1,817.9	4,700	85,439	515	84,924	6.73	574,907
1973	2,181.3	2,170.2	4,274	92,765	741	92,024	13.80	1,279,990
1974	2,550.0	2,531.0	4,440	112,386	1,022	111,364	11.20	1,261,359
1975	2,833.0	2,818.0	4,558	128,437	763	127,674	8.35	1,071,924
1976	2,489.0	2,480.0	4,663	115,648	357	115,291	7.02	811,358
1977	2,261.0	2,249.0	4,412	99,223	849	98,374	9.49	941,248
1978	2,993.0	2,970.0	4,484	133,170	650	132,520	8.16	1,087,000
1979 <sup>2</sup>	3,000.0	2,979.0	4,588	136,667	651	136,016	11.00	1,503,337

<sup>1</sup>Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 25.—Rice, rough: Stocks on and off farms, United States, 1965-80

Year	On farms <sup>1</sup>			Off farms <sup>2</sup>			
	Jan. 1	Apr. 1	Aug. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>3</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1965	7,404	2,451	141	40,591	25,593	4,764	1,547
1966	7,123	2,527	347	38,830	23,456	5,133	1,815
1967	8,252	2,056	226	47,752	28,619	5,971	1,346
1968	9,585	2,491	120	47,249	24,378	3,339	268
1969	14,587	9,512	332	53,100	36,608	12,161	7,280
1970	10,536	4,855	242	53,293	39,107	12,973	7,734
1971	10,121	3,335	203	49,276	32,001	14,689	7,565
1972	10,924	3,531	133	49,776	29,104	8,291	.....
1973	4,714	1,476	94	44,130	22,791	2,845	.....
1974	7,729	1,536	77	44,435	25,175	3,877	.....
1975	13,608	2,902	63	55,106	31,426	3,987	.....
1976	24,713	12,800	657	66,333	50,481	30,688	.....
1977	21,006	6,761	709	79,142	61,614	32,642	.....
1978	8,269	3,157	586	68,813	49,898	20,542	.....
1979	28,089	14,381	623	67,828	53,139	24,515	.....
1980 <sup>4</sup>	31,021	12,030	.....	72,897	55,368	.....	.....

<sup>1</sup>No stocks Oct. 1, 1964, to date.

<sup>2</sup>Stocks at mills and in attached warehouses, in warehouses not attached to mills, and in ports or in transit.

<sup>3</sup>Oct. 1 estimates discontinued in 1972.

<sup>4</sup>Preliminary.

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## FOOTNOTES FOR TABLE 28

<sup>1</sup>Consolidated supply and disappearance of rough and milled rice. Converted milled rice data to a rough rice basis using annually derived extraction rates as factors.

<sup>2</sup>Based on Bureau of Census reports. Estimates for 1968, 1969, and 1970 adjusted by ASCS data, based on bills of lading submitted to the USDA for export payments.

<sup>3</sup>Results from storage handling and processing losses.

<sup>4</sup>Less than 50,000 cwt.

<sup>5</sup>Preliminary.

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Table 26.—Rice, by length of grain: Area, yield, and production, United States, 1972-79

Year	Area harvested			Yield per acre			Production		
	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1972 .....	913.2	751.7	153.0	4,682	4,548	5,552	42,760	34,184	8,495
1973 .....	1,058.4	937.8	174.0	4,139	4,196	5,524	43,807	39,347	9,611
1974 .....	1,370.0	949.6	211.4	4,375	4,358	5,234	59,934	41,887	11,065
1975 .....	1,453.3	1,141.2	223.5	4,376	4,579	5,633	63,593	52,255	12,589
1976 .....	1,531.0	794.0	155.0	4,5676	4,634	5,681	70,051	36,792	8,805
1977 .....	1,467.0	595.0	187.0	4,240	4,415	5,746	62,206	26,272	10,745
1978 .....	1,925.0	816.6	228.4	4,405	4,464	5,221	84,792	36,454	11,924
1979 <sup>1</sup> .....	2,084.0	764.0	181.0	4,176	5,327	6,098	84,930	40,700	11,037

<sup>1</sup> Preliminary.

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Table 27.—Rice, rough, by length of grain: Stocks in all positions, United States, 1972-80

Year	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1972 ..	.....	.....	4,010	.....	.....	.....	3,050	141	.....	.....	1,364	175
1973 ..	21,247	10,618	1,112	.....	21,495	9,859	937	5	6,102	3,790	890	34
1974 ..	25,302	13,774	2,132	.....	19,866	8,270	939	44	6,996	4,667	883	57
1975 ..	36,393	16,532	1,450	.....	22,502	12,822	1,264	644	9,819	4,974	1,336	164
1976 ..	40,705	24,749	14,258	.....	40,575	31,990	13,580	3,851	9,776	6,542	3,509	1,868
1977 ..	54,987	32,262	12,950	.....	36,532	29,129	17,523	5,376	8,629	6,984	2,878	722
1978 ..	42,641	28,929	9,624	.....	26,617	18,634	9,327	2,804	7,824	5,492	2,177	424
1979 ..	54,785	36,222	11,049	.....	30,878	23,559	10,776	2,698	10,254	7,739	3,313	684
1980 <sup>2</sup> ..	62,318	40,062	.....	.....	32,645	21,125	.....	.....	8,955	6,211	.....	.....

<sup>1</sup> California only.<sup>2</sup> Preliminary.

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Table 28.—Rough rice and milled rice (rough equivalent): Supply and disappearance, United States, 1965-79<sup>1</sup>

Year beginning August	Supply				Disappearance						Statistical discrepancies (3)	Ending stocks July 31
	Begin- ning stocks	Pro- duction	Imports	Total	Domestic use				Exports (2)	Total dis- appear- ance		
					Food	Indus- try	Seed	Total				
	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.
1965 .....	7.7	76.3	0.7	84.6	23.4	4.7	2.7	30.8	43.3	74.2	2.2	8.2
1966 .....	8.2	85.0	(*)	93.3	24.0	5.3	2.7	31.9	51.6	83.5	1.2	8.5
1967 .....	8.5	89.4	(*)	97.9	25.0	5.4	3.2	33.7	56.9	90.6	.6	6.8
1968 .....	6.8	104.1	(*)	110.9	27.0	5.8	2.9	35.6	56.1	91.7	3.0	16.2
1969 .....	16.2	91.9	.2	108.3	23.5	7.1	2.5	33.1	56.9	90.0	1.9	16.4
1970 .....	16.4	83.8	1.4	101.7	25.1	6.8	2.5	34.4	46.5	80.9	2.1	18.6
1971 .....	18.6	85.8	1.1	105.5	25.5	7.4	2.5	35.4	56.9	92.3	1.8	11.4
1972 .....	11.4	85.4	.5	97.4	25.1	7.7	3.0	35.7	54.0	89.8	2.5	5.1
1973 .....	5.1	92.8	.2	98.1	26.1	8.1	3.6	37.8	49.7	87.5	2.7	7.8
1974 .....	7.8	112.4	(*)	120.3	28.6	8.4	4.0	41.0	69.5	110.5	2.7	7.1
1975 .....	7.1	128.4	(*)	135.5	27.7	9.1	3.5	40.3	56.5	96.8	1.8	36.9
1976 .....	36.9	115.6	.1	152.6	29.2	10.3	3.2	42.7	65.6	108.3	3.8	40.5
1977 .....	40.5	99.2	.1	139.8	23.5	9.9	4.3	37.7	72.8	110.5	1.9	27.4
1978 <sup>5</sup> .....	27.4	133.2	.1	160.6	32.6	11.1	4.3	48.0	76.9	124.9	4.1	31.6
1979 <sup>5</sup> .....	31.6	136.7	.....	168.3	.....	.....	.....	.....	.....	.....	.....	.....

See footnotes on page 19.



Table 29.—Rice, by length of grain: Area, yield, and production, by States, 1977-79

State	Area harvested			Yield per acre			Production		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
Long grain									
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark .....	690.0	908.0	975.0	4,125	4,400	4,275	28,468	39,952	41,681
Calif .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
La .....	174.0	238.0	285.0	3,625	3,850	3,875	6,308	9,168	11,044
Miss .....	109.0	213.0	206.0	4,000	4,250	4,050	4,360	9,052	8,343
Mo .....	14.0	28.0	32.0	3,675	4,300	3,800	515	1,204	1,216
Tex .....	480.0	538.0	536.0	4,700	4,725	4,225	22,560	25,421	22,646
U.S. ....	1,467.0	1,925.0	2,034.0	4,240	4,405	4,176	62,206	84,792	84,930
Medium grain									
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark .....	128.0	150.0	125.0	4,700	4,625	4,750	6,016	6,937	5,938
Calif .....	140.0	294.0	373.0	5,775	5,200	6,500	8,085	15,288	24,245
La .....	301.0	349.0	243.0	3,700	3,800	3,950	11,137	13,262	9,599
Miss .....	2.0	2.0	1.0	4,000	4,300	4,100	80	86	41
Mo .....	3.0	1.6	3.0	3,800	4,750	3,900	114	76	117
Tex .....	21.0	20.0	19.0	4,000	4,025	4,000	840	805	760
U.S. ....	595.0	816.6	764.0	4,415	4,464	5,327	26,272	36,454	40,700
Short grain									
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark .....	19.0	32.0	30.0	4,825	5,050	5,125	917	1,616	1,538
Calif .....	168.0	196.0	149.0	5,850	5,250	6,325	9,828	10,290	9,424
La .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Miss .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mo .....	.....	.....	.....	.....	4,500	.....	.....	18	.....
Tex .....	.....	.....	2.0	.....	.....	3,750	.....	.....	75
U.S. ....	187.0	228.4	181.0	5,746	5,221	6,098	10,745	11,924	11,087

<sup>1</sup> Preliminary.

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Table 30.—Rice: Area, yield, and production, by States, 1977-79

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark .....	840.0	1,100.0	1,140.0	837.0	1,090.0	1,130.0	4,230	4,450	4,350	35,396	48,505	49,157
Calif .....	310.0	493.0	525.0	308.0	490.0	522.0	5,810	5,220	6,450	17,913	25,578	33,669
La .....	480.0	590.0	530.0	475.0	587.0	528.0	3,670	3,820	3,910	17,445	22,425	20,643
Miss .....	112.0	220.0	210.0	111.0	215.0	207.0	4,000	4,250	4,050	4,440	9,138	8,384
Mo .....	17.0	30.0	35.0	17.0	30.0	35.0	3,700	4,330	3,810	629	1,298	1,333
Tex .....	502.0	560.0	560.0	501.0	558.0	557.0	4,670	4,700	4,220	23,400	26,226	23,481
U.S. ....	2,261.0	2,993.0	3,000.0	2,249.0	2,970.0	2,979.0	4,412	4,484	4,588	99,223	133,170	136,667

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 31.—Rice, milled, by length of grain: Stocks in all positions, United States, 1972–80

Year	Whole kernels (head rice)											
	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972 ..	.....	.....	550	.....	.....	.....	740	47	.....	.....	303	65
1973 ..	1,142	1,774	500	.....	2,281	1,770	278	10	84	333	348	10
1974 ..	1,117	1,467	792	.....	1,512	2,574	835	31	205	319	242	74
1975 ..	1,697	1,185	421	.....	1,130	1,233	660	130	224	773	293	87
1976 ..	1,893	1,454	922	.....	1,197	2,052	1,630	63	137	137	99	461
1977 ..	1,802	2,140	1,618	.....	742	1,453	1,667	222	410	162	367	186
1978 ..	3,417	3,945	1,719	.....	1,704	1,704	1,008	559	376	497	958	1,177
1979 ..	3,349	2,757	2,302	.....	795	1,722	706	380	720	525	144	207
1980 <sup>1</sup> ..	3,312	3,840	.....	.....	1,983	2,039	.....	.....	123	98	.....	.....

  

Year	Broken kernels <sup>2</sup>											
	Second heads				Screenings				Brewers			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972 ..	.....	.....	331	15	.....	.....	186	.....	.....	.....	86	20
1973 ..	528	686	329	39	49	180	104	.....	215	142	47	8
1974 ..	566	545	587	30	103	189	223	.....	391	160	119	2
1975 ..	731	830	672	34	141	112	37	.....	369	136	81	27
1976 ..	897	1,190	969	7	125	88	111	.....	317	182	161	23
1977 ..	1,121	1,283	1,002	35	75	430	154	.....	193	218	348	27
1978 ..	692	1,004	509	92	81	102	65	.....	174	214	88	22
1979 ..	952	1,285	1,026	180	112	139	68	.....	211	277	337	69
1980 <sup>1</sup> ..	500	507	.....	.....	31	152	.....	.....	121	154	.....	.....

<sup>1</sup> Preliminary.<sup>2</sup> Screenings in California are included in second heads.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 32.—Rice: Production, seed used, disposition, and value, by States, crop of 1979 (preliminary)<sup>1</sup>

State	Production	Used on farms where produced	Sold	Season average price per cwt.	Value of—	
					Production	Sales
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 dollars
Ark .....	49,157	295	48,862	.....	.....	.....
Calif .....	33,669	168	33,501	.....	.....	.....
La .....	20,643	41	20,602	.....	.....	.....
Miss .....	8,384	42	8,342	.....	.....	.....
Mo .....	1,333	11	1,322	.....	.....	.....
Tex .....	23,481	94	23,387	.....	.....	.....
U.S. ....	136,667	651	136,016	11.00	1,503,337	1,496,176

<sup>1</sup> Prices by States not available.

Economics, Statistics, and Cooperatives—Crop Reporting Board.

Table 33.—Rice, milled: United States exports under specified Government programs, 1965–78

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>7</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1965 .....	7,205	716	.....	.....	.....	2,005	9,926
1966 .....	15,494	2,762	.....	.....	.....	8-16	18,240
1967 .....	12,656	3,535	.....	.....	.....	547	16,738
1968 .....	6,626	15,053	.....	208	.....	137	22,024
1969 .....	9,782	10,925	22	142	.....	61	20,932
1970 .....	5,366	14,979	.....	.....	.....	3,356	23,701
1971 .....	3,588	14,343	5,462	.....	.....	3,132	26,525
1972 .....	.....	21,253	722	4	.....	2,721	24,700
1973 .....	.....	13,352	.....	.....	.....	146	13,498
1974 .....	.....	16,342	113	11	.....	2	16,468
1975 .....	.....	11,228	.....	.....	.....	111	11,339
( <sup>9</sup> ) .....	.....	(10,007)	.....	.....	.....	.....	(10,007)
1976 .....	.....	14,572	198	357	.....	8	15,135
1977 .....	.....	10,275	1,045	345	.....	.....	11,665
1978 .....	.....	8,243	1,135	315	.....	.....	9,693

<sup>1</sup> Year beginning July 1 for 1965–75 and Oct. 1 beginning 1976.<sup>2</sup> Authorized by Title I, P.L. 480.<sup>3</sup> Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89–808.<sup>4</sup> Authorized by Title II, P.L. 480.<sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89–808, effective Jan. 1, 1967.<sup>6</sup> Authorized by Sec. 303, Title III, P.L. 480, and other legislation.<sup>7</sup> Foreign Assistance Act of 1961, as amended.<sup>8</sup> Negative quantity due to adjustments for prior periods.<sup>9</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economics, Statistics, and Cooperatives Service—Economics.

Table 34.—Rice, rough: Price-support operations, United States, 1965–80

Year beginning August	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned <sup>5</sup> by CCC July 31 <sup>6</sup>
	Per cwt. <sup>1</sup>	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million cwt.</i>	<i>Percent</i>	<i>Million cwt.</i>	<i>Million cwt.</i>
1965 .....	4.50	68	10.0	13.1	0.4	0.6
1966 .....	4.50	66	14.4	16.8	.1	.1
1967 .....	4.55	66	16.4	18.3	(?)	.1
1968 .....	4.60	66	24.3	22.7	6.3	6.3
1969 .....	4.72	65	22.4	24.5	2.9	5.8
1970 .....	4.86	65	21.5	25.7	3.7	9.4
1971 .....	5.07	65	31.2	36.4	1.3	9.4
1972 .....	5.27	65	22.9	26.8	(?)	2.7
1973 .....	6.07	65	19.1	20.6		
1974 .....	7.54	65	9.3	8.3	(?)	
1975 .....	8.52	65	23.3	13.2	17.3	17.3
1976 .....	8.25	61	23.4	20.2	1.8	19.1
1977 .....	8.25	59	19.5	19.7	.6	18.6
1978 .....	8.53	56	27.1	20.3	.3	10.9
1979 .....	9.05	53	26.0	19.0	.4	8.5
1980 .....	9.49					

<sup>1</sup> Loan level from 1965 to 1975. For 1976 and 1977, the target price is a guarantee on allotted production an \$6.19 per cwt. is the loan rate on allotted production. For the 1978 and 1979 crop, the loan rate was \$6.40 and \$6.79. The 1980 preliminary loan rate is \$7.12 per cwt.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>4</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Includes milled rice in rough rice equivalent.

<sup>6</sup> Commencing 1975, inventories are shown as of September 30 due to change in fiscal year to October through September.

<sup>7</sup> Less than 50,000 cwt.

Agricultural Stabilization and Conservation Service.

Table 35.—Rice: United States exports (milled equivalent), by country of destination, 1977 and 1978

Country of destination	Year beginning August <sup>1</sup>		Country of destination	Year beginning August <sup>1</sup>	
	1977	1978		1977	1978
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Canada .....	74,042	77,338	Indonesia .....	468,807	260,421
Mexico .....	759	6,698	Iran .....	343,698	348,114
Bahamas .....	5,344	5,099	Iraq .....	89,895	148,151
Dominican Republic .....	11,366	8	Korea, Rep. of .....	7	39,331
Haiti .....	4,219	14,545	Bangladesh .....	82,609	3,000
Jamaica .....	7,864	5,338	Saudi Arabia .....	169,582	233,855
Netherlands Antilles .....	4,420	4,173	Syria .....	18,022	42,161
Chile .....	2,526	17,191			
Total Western Hemisphere <sup>2</sup> .....	121,702	233,990	Total Asia and Oceania <sup>2</sup> ....	1,212,625	1,199,563
Belgium-Luxembourg .....	19,310	42,433	Guinea .....	24,311	9,757
France .....	6,074	10,020	Ivory Coast .....	45,837	69,732
Italy .....	163,934	136,928	Liberia .....	41,374	40,543
Germany, Fed. Rep. of .....	62,083	29,064	Nigeria .....	171,661	183,583
Netherlands .....	25,602	26,778	Senegal .....	77,272	1,253
Portugal .....	12,063	57,851	South Africa .....	71,491	103,792
Sweden .....	8,429	9,488			
Switzerland .....	29,739	51,599	Total Africa <sup>2</sup> .....	545,416	526,217
United Kingdom .....	12,412	48,067			
Total Europe <sup>2</sup> .....	387,705	470,918	World total <sup>2</sup> .....	2,267,448	2,430,688

<sup>1</sup> Marketing year.

<sup>2</sup> Includes countries not shown.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 36.—Rice, rough: Area, yield per hectare, and production in specified countries, 1977-79<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Costa Rica .....	55	76	60	2.36	2.59	3.57	130	197	214
Cuba .....	220	220	200	2.45	2.27	2.25	538	500	451
Dominican Republic .....	67	115	110	4.07	2.68	2.66	273	308	292
El Salvador .....	13	14	15	2.46	3.63	3.79	32	51	57
Guatemala .....	17	12	13	2.35	2.15	2.10	40	26	27
Haiti .....	76	76	76	.95	1.26	1.26	72	95	95
Honduras .....	24	24	29	1.26	2.25	2.19	30	54	63
Jamaica .....	1	3	3	1.00	1.04	2.00	1	3	6
Mexico .....	170	120	170	3.35	3.25	3.09	570	390	525
Nicaragua .....	35	26	20	2.49	3.19	3.50	87	83	70
Panama .....	115	105	110	1.61	1.76	1.82	185	185	200
Trinidad and Tobago .....	8	10	10	3.00	2.70	2.70	24	27	27
United States .....	910	1,206	1,221	4.95	5.05	5.19	4,501	6,087	6,332
Total .....	1,711	2,007	2,037	3.79	3.99	4.10	6,483	8,006	8,359
South America:									
Argentina .....	96	102	105	3.52	3.06	3.08	338	312	323
Bolivia .....	63	54	55	1.59	1.64	1.64	100	89	90
Brazil .....	5,200	5,800	6,100	1.44	1.33	1.41	7,500	7,700	8,600
Chile .....	33	47	40	3.26	5.92	5.77	108	278	231
Colombia .....	325	424	400	3.99	4.38	4.15	1,297	1,855	1,662
Ecuador .....	95	85	114	2.49	2.27	1.81	237	193	207
Guyana .....	136	115	88	2.45	2.44	2.55	333	280	224
Paraguay .....	38	38	40	1.97	1.97	1.88	75	75	75
Peru .....	125	105	115	4.76	3.98	3.89	596	418	448
Surinam .....	48	51	52	3.64	4.01	4.23	175	205	220
Uruguay .....	50	69	62	4.00	3.79	4.00	200	262	248
Venezuela .....	148	166	160	3.38	3.28	3.47	500	545	555
Total .....	6,357	7,056	7,331	1.80	1.73	1.76	11,459	12,212	12,883
Europe:									
France .....	10	13	11	1.60	3.28	2.67	16	43	29
Italy .....	186	191	190	4.14	5.00	5.31	770	956	1,009
Total EC .....	196	204	201	4.01	4.89	5.16	786	999	1,038
Greece .....	19	19	19	5.00	5.00	5.00	95	95	95
Portugal .....	34	33	35	3.47	4.10	4.13	118	135	145
Spain .....	64	68	68	5.94	6.05	6.16	380	412	419
Total Western Europe .....	313	324	323	4.41	5.06	5.25	1,379	1,641	1,697
Bulgaria .....	18	16	16	3.87	4.26	3.13	70	68	50
Hungary .....	27	24	22	1.89	1.12	.87	51	27	19
Romania .....	28	20	20	1.75	2.45	2.23	49	49	45
Yugoslavia .....	8	8	9	4.75	4.17	3.89	38	33	35
Total Eastern Europe .....	81	68	67	2.56	2.61	2.22	208	177	149
Total Europe .....	394	392	390	4.03	4.64	4.73	1,587	1,818	1,846
Soviet Union (Europe and Asia) ..	524	580	600	4.20	3.62	3.67	2,200	2,097	2,200
Africa:									
Algeria .....	1	1	1	2.00	2.00	2.00	2	2	2
Angola .....	20	20	20	1.23	1.25	1.25	25	25	25
Chad .....	50	50	17	.80	.80	1.18	40	40	20
Egypt .....	437	433	462	5.20	5.43	5.23	2,272	2,351	2,418
Gambia .....	45	30	45	1.22	1.18	1.33	55	35	60
Ghana .....	80	85	85	.75	1.06	.92	60	90	78
Guinea .....	710	450	450	.56	.89	.94	400	400	425
Guinea-Bissau .....	38	38	40	.93	.92	1.00	35	35	40
Ivory Coast .....	425	400	380	.95	1.16	1.17	403	465	444
Liberia .....	200	210	215	1.25	1.24	1.26	250	260	270
Malagasy Rep. ....	1,050	1,119	1,050	1.60	1.68	1.89	1,680	1,880	1,980
Mali .....	150	175	140	1.17	1.00	1.30	175	175	182
Morocco .....	6	9	9	4.50	3.70	4.04	27	33	36
Mozambique .....	65	65	65	1.07	.70	.92	70	45	60
Nigeria .....	325	414	528	2.03	2.03	1.89	660	842	1,000
Senegal .....	62	90	90	1.00	1.42	1.33	62	128	120
Sierra Leone .....	390	400	400	1.54	1.40	1.38	600	560	550
Somali Rep. ....	.....	2	2	.....	3.00	3.00	.....	6	6

See footnotes at end of table.

Table 36.—Rice, rough: Area, yield per hectare, and production in specified countries, 1977-1979<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Continued									
Tanzania .....	285	145	150	1.54	1.45	1.47	440	210	220
Upper Volta .....	42	42	39	.95	.95	.59	40	40	23
Zaire .....	370	333	335	.79	.68	.69	292	226	231
Total .....	4,751	4,511	4,523	1.60	1.74	1.81	7,588	7,848	8,190
Asia:									
Afghanistan .....	210	210	210	2.19	2.19	2.17	460	460	455
Bangladesh .....	10,085	10,000	10,000	1.94	1.85	1.88	19,602	18,468	18,769
Burma .....	5,027	5,217	5,150	1.75	2.01	1.90	8,799	10,512	9,800
Kampuchea .....	1,400	1,400	550	1.14	1.06	.73	1,600	1,488	403
China: Mainland .....	36,000	36,000	35,200	3.51	3.81	3.98	126,500	137,000	140,000
Taiwan .....	790	753	700	4.48	4.26	4.40	3,542	3,207	3,083
Hong Kong .....	2	2	2	2.00	2.00	2.00	4	4	4
India .....	39,800	40,190	37,000	1.87	2.01	1.66	74,324	80,824	61,562
Indonesia .....	8,200	8,929	8,700	2.78	2.89	2.77	22,794	25,772	24,113
Iran .....	325	315	300	3.23	4.09	4.04	1,051	1,288	1,212
Iraq .....	66	66	64	3.02	2.57	2.89	199	170	185
Japan .....	2,757	2,548	2,468	5.94	6.18	6.06	16,368	15,736	14,957
Korea, Dem. Peo. Rep. of .....	760	760	775	5.13	5.92	6.05	3,900	4,500	4,688
Korea, Rep. of .....	1,230	1,230	1,224	6.78	5.98	6.37	8,342	7,361	7,800
Laos .....	680	690	695	1.18	1.38	1.33	800	951	925
Malaysia .....	563	636	757	3.06	2.52	2.67	1,722	1,603	2,022
Nepal .....	1,285	1,265	1,245	2.11	1.88	1.85	2,670	2,372	2,300
Pakistan .....	1,710	2,016	1,900	2.50	2.44	2.53	4,272	4,911	4,805
Philippines .....	3,563	3,524	3,650	1.93	2.08	2.09	6,890	7,318	7,623
Saudi Arabia .....	1	1	1	3.00	3.00	3.00	3	3	3
Sri Lanka .....	740	740	740	2.31	2.56	2.57	1,707	1,891	1,900
Syria .....	1	1	1	2.00	1.54	1.54	2	2	2
Thailand .....	8,600	8,600	8,700	1.74	1.95	1.90	15,000	16,800	16,500
Turkey .....	60	70	75	5.13	4.13	4.10	308	292	308
Vietnam, Soc. Rep. ....	5,310	5,000	5,100	2.12	1.97	2.16	11,256	9,851	11,000
Total .....	129,145	130,169	125,207	2.57	2.71	2.69	332,115	352,784	334,424
Oceania:									
Australia .....	90	110	110	5.44	6.28	6.00	490	691	660
Total .....	90	110	110	5.44	6.28	6.00	490	691	660
World total .....	142,972	144,825	140,198	2.53	2.66	2.65	361,922	385,456	368,562

<sup>1</sup> Crop year beginning Aug. 1. Crops harvested in Northern Hemisphere during the latter part of the year shown are combined with those harvested in Asia principally from November to May, and in the Southern Hemisphere harvested during the first part of the following year.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 37.—Rice, milled equivalent:<sup>1</sup> International trade, 1976-78<sup>2</sup>

Continent and country	1976		1977		1978 <sup>3</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Canada .....	66	.....	89	.....	85	.....
El Salvador .....	.....	.....	.....	.....	.....	.....
Honduras .....	.....	.....	7	5	6	.....
Mexico .....	5	11	6	1	60	15
Nicaragua .....	.....	.....	.....	.....	.....	.....
Panama .....	2	.....	14	.....	17	.....
United States .....	2,045	.....	2,270	3	2,261	3
Cuba .....	.....	179	10	250	.....	250
Jamaica .....	.....	49	.....	46	.....	29
Trinidad and Tobago .....	.....	31	.....	33	.....	25
Total .....	2,052	337	2,300	429	2,343	413
South America:	.....	.....	.....	.....	.....	.....
Argentina .....	86	.....	193	.....	120	.....
Brazil .....	76	17	408	.....	177	57
Guyana .....	72	.....	67	.....	106	.....
Chile .....	.....	26	20	13	23	20
Colombia .....	150	.....	36	.....	85	.....
Ecuador .....	14	.....	12	.....	9	10
Peru .....	.....	71	.....	.....	.....	.....
Surinam .....	57	.....	57	.....	55	.....
Uruguay .....	115	.....	120	.....	100	.....
Venezuela .....	.....	95	45	.....	50	.....
Total .....	570	209	958	13	725	87
Europe:	.....	.....	.....	.....	.....	.....
Austria .....	.....	44	.....	43	.....	42
Belgium and Luxembourg .....	43	130	33	93	35	90
Denmark .....	1	14	1	12	2	11
France .....	4	187	52	244	40	237
Germany, Fed. Rep. of .....	44	158	52	144	69	169
Greece .....	11	1	8	.....	6	.....
Italy .....	396	49	275	15	409	263
Netherlands .....	138	219	71	126	65	110
Norway .....	.....	5	.....	5	.....	5
Portugal .....	.....	120	.....	85	.....	45
Spain .....	9	.....	35	.....	60	.....
Sweden .....	.....	21	.....	26	.....	22
Switzerland .....	.....	22	.....	20	.....	20
United Kingdom .....	4	145	61	211	52	197
Total Western Europe .....	650	1,115	588	1,024	738	1,211
Hungary .....	6	13	.....	25	.....	26
Poland .....	.....	59	.....	61	.....	85
Romania .....	.....	62	.....	58	.....	38
Yugoslavia .....	.....	10	.....	32	.....	20
Soviet Union .....	130	324	130	460	130	325
Total Eastern Europe .....	136	468	130	636	130	494
Africa:	.....	.....	.....	.....	.....	.....
Algeria .....	.....	6	.....	6	.....	6
Angola .....	2	18	.....	30	2	25
Zaire .....	.....	70	.....	6	.....	17
Gambia .....	.....	39	.....	35	.....	35
Ghana .....	.....	.....	.....	72	.....	95
Guinea .....	.....	31	.....	42	.....	30
Ivory Coast .....	30	5	10	125	20	150
Liberia .....	.....	37	.....	56	.....	45
Malagasy Rep. ....	4	100	4	100	3	160

See footnotes at end of table.

Table 37.—Rice, milled equivalent:<sup>1</sup> International trade, 1976-78<sup>2</sup>—Continued

Continent and country	1976		1977		1978 <sup>3</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Continued						
Mauritius .....		79		65		80
Mozambique .....		23		25		40
Nigeria .....		103		413		700
Senegal and Mauritania .....		205		270		235
Sierra Leone .....		4		17		8
South Africa .....		89		110		105
Egypt .....	191		193		153	
Tanzania .....		9		45		60
Total .....	227	818	207	1,417	178	1,791
Asia:						
Bangladesh .....		280		404		18
Saudi Arabia .....		257		255		380
Israel .....		35		41		30
Jordan .....		33		24		24
Lebanon .....		20		22	1	19
Turkey (Europe and Asia) .....		20		50		37
Iraq .....		198		237		290
Syria .....	1	83		73		97
Iran .....		276		578		320
Burma .....	636		686		325	
Sri Lanka .....		425		543	9	158
China: Mainland .....	1,446		1,023		1,210	
Taiwan .....		8	150	9	238	
Hong Kong .....	2	362	3	341		345
India .....	38	241	19	35	143	7
Kampuchea .....						
Laos .....		120		100		95
Vietnam .....	2	805	6	265	5	170
Indonesia .....		1,293		1,989		1,845
Japan .....		20	50	21	91	64
Korea, Rep. of .....		166		55	70	
Malaysia and Singapore .....	15	131		163		403
Pakistan .....	945		757		800	
Philippines .....		55	15	26	43	
Thailand .....	1,870		2,915		1,573	
Total .....	4,955	4,828	5,624	5,231	4,508	4,302
Oceania:						
Australia .....	218	1	260	1	337	1
Total .....	218	1	260	1	337	1
Other countries .....	304	928	430	963	459	716
World total .....	9,112	8,704	10,497	9,714	9,418	9,015

<sup>1</sup> Includes milled, semi-milled, broken, and rough rice in terms of milled.<sup>2</sup> Calendar year<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agriculture Attaches and Foreign Service Officers.

Table 38.—Food grains and wheat flour: Average price, selected markets and grades, 1965-78

Crop year <sup>1</sup>	Kansas City			Minneapolis			Portland: Wheat, No. 1 soft white	St. Louis: Wheat, No. 2 Red Winter
	Wheat, No. 2 Hard and Dark hard Winter	Flour, Winter Wheat, 95% patent	Wheat, No. 1 Dark Northern Spring	Wheat, No. 2 Hard Amber Durum	Flour, Spring Wheat, Standard patents	Rye, No. 2		
	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1965 .....	1.61	5.66	1.86	1.75	6.00	1.16	1.53	1.64
1966 .....	1.85	5.92	2.01	2.09	6.46	1.22	1.76	1.77
1967 .....	1.59	5.46	1.88	2.05	5.97	1.17	1.62	1.47
1968 .....	1.46	5.40	1.76	1.93	5.87	1.16	1.47	1.32
1969 .....	1.45	5.50	1.83	1.68	6.03	1.11	1.49	1.43
1970 .....	1.58	5.58	1.90	1.78	6.28	1.13	1.70	1.32
1971 .....	1.60	5.34	1.66	1.69	5.99	.99	1.60	1.51
1972 .....	2.26	6.78	2.21	2.17	7.11	1.10	2.47	2.24
1973 .....	4.83	8.46	4.69	6.60	10.87	2.41	4.79	4.57
1974 .....	4.29	10.05	5.01	6.47	11.93	3.19	4.36	3.91
1975 .....	4.08	9.37	4.64	5.06	10.55	2.86	3.89	3.46
1976 .....	2.78	8.30	3.12	3.19	9.51	2.92	3.02	2.77
1977 .....	2.92	7.35	2.95	3.37	8.15	2.51	3.14	2.54
1978 .....	3.36	n.a.	3.49	3.66	8.06	2.42	3.71	3.43

  

Crop year <sup>1</sup>	Chicago Wheat, No. 2 Soft Red Winter	New York Wheat, No. 2 Hard Winter	San Francisco Rice <sup>2</sup> Short	S.W. Louisiana Mills: Rice <sup>2</sup>		Arkansas Mills: Rice <sup>2</sup>		Texas Mills: Rice <sup>2</sup>	
				Medium	Long	Medium	Long	Medium	Long
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
1965 .....	1.50	2.14	10.00	8.20	10.00	8.10	9.90	8.15	10.05
1966 .....	1.82	2.33	10.05	8.20	9.95	8.20	9.90	8.35	10.00
1967 .....	1.47	2.08	10.25	8.44	9.90	8.65	10.05	8.65	10.05
1968 .....	1.25	1.92	10.55	8.73	9.55	8.55	9.90	8.50	9.80
1969 .....	1.26	2.00	10.50	8.50	9.60	8.60	10.00	8.65	9.90
1970 .....	1.60	2.20	10.62	8.54	9.83	8.95	10.10	8.90	10.10
1971 .....	1.47	2.11	11.09	8.71	9.95	9.25	10.25	9.10	10.20
1972 .....	2.23	2.70	12.42	8.87	14.34	13.45	14.35	13.55	14.45
1973 .....	4.54	5.19	24.20	26.40	30.40	26.70	30.80	27.40	31.75
1974 .....	4.59	4.54	25.40	20.05	21.55	21.15	22.40	19.90	22.05
1975 .....	3.54	4.08	20.65	15.85	17.20	17.10	18.10	17.35	18.35
1976 .....	2.81	3.22	15.15	13.30	14.60	14.40	15.30	14.10	14.95
1977 .....	2.69	3.28	20.35	19.10	21.30	20.55	21.80	20.75	21.70
1978 .....	3.42	3.91	18.20	15.40	18.40	16.55	18.85	16.20	18.30

<sup>1</sup> Crop year begins July for wheat and rye, August for rice, and October for rice from San Francisco.<sup>2</sup> Rice, milled No. 2.

n.a. not available

Economics, Statistics, and Cooperatives Service—Economics. Compiled as follows: Grain Market News (AMS); Minneapolis Daily Market Record; Kansas City Grain Market Review; Chicago Board of Trade; New York Journal of Commerce; Bureau of Labor Statistics Wholesale Price Bulletin; Rice (AMS). Minneapolis, Kansas City, and Chicago prices are weighted averages.

Table 39.—Corn: Area, yield, production, disposition, and value, United States, 1965-79

Year	Area planted, all purposes	Corn for grain					Corn for silage			Forage area harvested		
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel <sup>1</sup>	Value of production	Area harvested		Yield per harvested acre	Production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons	1,000 tons	1,000 acres
1965	65,171	55,392	74.1	4,102,867	2,088,960	2,013,907	1.16	4,754,199	8,054	10.5	84,447	1,170
1966	76,347	57,002	73.1	4,167,608	2,062,355	2,105,253	1.24	5,170,973	7,934	11.3	89,683	931
1967	71,156	60,694	80.1	4,860,372	2,262,637	2,597,715	1.03	5,044,235	8,363	11.3	94,783	977
1968	65,126	55,980	79.5	4,449,542	2,094,679	2,354,863	1.08	4,825,623	7,879	11.9	93,652	746
1969	64,264	54,574	85.9	4,687,057	2,129,590	2,557,467	1.16	5,415,997	7,892	12.6	99,161	597
1970	66,863	57,358	72.4	4,152,243	1,888,552	2,263,691	1.33	6,514,702	8,078	11.6	94,084	650
1971	74,179	64,123	88.1	5,646,260	2,446,467	3,199,793	1.09	6,101,066	8,814	12.4	109,302	694
1972	67,126	57,513	97.0	5,579,532	2,328,020	3,251,512	1.57	8,743,066	8,351	13.1	109,343	520
1973	72,258	62,143	91.3	5,670,712	2,217,479	3,453,233	2.65	14,462,744	9,023	12.7	114,267	567
1974	77,935	65,405	71.9	4,701,402	1,754,693	2,946,709	3.02	14,231,557	10,844	10.7	115,705	560
1975	78,583	67,506	86.3	5,825,461	2,117,072	3,711,869	2.54	14,783,368	9,842	10.8	117,813	566
1976	84,374	71,300	87.9	6,266,359	2,306,194	3,961,165	2.15	13,471,796	11,274	10.4	118,708	856
1977	83,568	70,872	90.7	6,425,457	2,514,027	3,911,430	2.02	12,944,467	9,307	12.5	116,708	604
1978	80,052	70,295	100.8	7,086,666	2,763,219	4,303,447	2.25	15,875,377	8,623	13.5	116,528	447
1979 <sup>2</sup>	80,011	70,984	109.4	7,763,771	2,916,330	4,847,441	2.41	18,569,265	8,002	14.2	113,705	415

<sup>1</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the Economies, Statistics, and Cooperatives Service—Crop Reporting Board.

average loan and purchase rate, by States, where applicable.

<sup>2</sup> Preliminary.

Table 40.—Corn: Stocks on and off farms, United States, 1965–80

Year	On farms				Off farms <sup>3</sup>			
	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1 <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1965 .....	2,737,489	1,866,476	1,243,125	581,498	1,137,392	938,763	650,332	565,593
1966 .....	3,096,601	2,129,392	1,327,409	531,157	956,475	740,542	459,284	310,538
1967 .....	2,928,817	2,063,306	1,348,923	572,233	778,619	671,090	405,683	254,075
1968 .....	3,453,956	2,433,095	1,670,424	788,195	866,061	809,946	530,578	380,493
1969 .....	3,310,694	2,244,312	1,498,284	732,270	857,921	818,165	562,597	386,125
1970 .....	3,390,099	2,263,432	1,425,733	575,630	993,137	767,827	519,562	429,593
1971 .....	2,755,306	1,875,370	1,178,821	426,712	1,013,479	670,220	393,556	240,027
1972 .....	3,555,260	2,485,085	1,590,106	751,949	1,149,084	895,109	584,022	374,980
1973 .....	3,692,724	2,387,458	1,374,066	403,918	1,141,455	954,964	564,315	303,960
1974 .....	3,371,270	2,020,081	1,067,098	238,737	1,116,424	849,794	380,541	195,125
1975 .....	2,560,883	1,522,900	811,014	193,184	1,080,024	704,911	345,658	168,193
1976 .....	3,196,286	1,919,964	1,230,127	232,597	1,270,300	912,996	576,640	166,459
1977 .....	3,345,496	2,133,737	1,577,503	446,116	1,544,023	1,159,329	787,263	438,019
1978 .....	3,824,347	2,516,998	1,848,608	659,285	1,678,678	1,360,245	988,779	444,708
1979 .....	4,521,129	3,100,829	2,263,030	776,256	1,681,483	1,322,484	969,208	509,460
1980 <sup>4</sup> .....	4,928,348	3,363,694	.....	.....	1,844,484	1,416,323	.....	.....

<sup>1</sup> Beginning 1976, estimates are for June 1.<sup>2</sup> Old crop only.<sup>3</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>4</sup> Preliminary.

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Table 41.—Corn: Supply and disappearance, United States, 1965–79

Year beginning October	Supply				Disappearance					Ending stocks Sept. 30		
	Begin- ning stocks	Pro- duc- tion	Im- ports	Total	Domestic use			Ex- ports	Total disap- pearance	Pri- vately held <sup>1</sup>	Govern- ment <sup>2</sup>	Total
					Feed	Food alcohol and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1965 .....	1,147	4,103	1	5,251	3,362	360	3,722	687	4,409	749	93	842
1966 .....	842	4,168	1	5,011	3,334	364	3,698	487	4,185	690	136	826
1967 .....	826	4,860	1	5,687	3,523	362	3,885	633	4,518	990	179	1,169
1968 .....	1,169	4,450	1	5,620	3,607	359	3,966	536	4,502	828	290	1,118
1969 .....	1,118	4,687	1	5,806	3,824	365	4,189	612	4,801	808	197	1,005
1970 .....	1,005	4,152	4	5,161	3,592	385	3,977	517	4,494	570	97	667
1971 .....	667	5,646	1	6,314	4,001	390	4,391	796	5,187	971	156	1,127
1972 .....	1,127	5,580	1	6,708	4,313	429	4,742	1,258	6,000	704	4	708
1973 .....	708	5,671	1	6,380	4,205	448	4,653	1,243	5,896	484	0	484
1974 .....	484	4,701	2	5,187	3,226	451	3,677	1,149	4,826	361	0	361
1975 .....	361	5,829	2	6,192	3,592	490	4,082	1,711	5,793	399	0	399
1976 .....	399	6,266	3	6,668	3,587	513	4,100	1,684	5,784	884	0	884
1977 .....	884	6,425	3	7,312	3,709	551	4,260	1,948	6,208	1,094	10	1,104
1978 <sup>3</sup> .....	1,104	7,087	1	8,192	4,198	575	4,773	2,133	6,906	1,190	96	1,286
1979 <sup>3</sup> .....	1,286	7,764	1	9,051	4,350	615	4,965	2,400	7,365	.....	.....	1,686

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Uncommitted Government inventory only.<sup>3</sup> Preliminary.

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Table 42.—Corn: Area, yield, and production, by States, 1977–79

State	Area planted for all purposes			Corn for grain								
				Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
Ala	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush- els	Bush- els	Bush- els	1,000 bushels	1,000 bushels	1,000 bushels
Ariz	840	640	570	375	544	502	29.0	50.0	61.0	10,875	27,200	30,622
Ark	65	70	60	50	50	45	100.0	115.0	115.0	5,000	5,750	5,175
Calif	55	40	50	43	30	35	53.0	58.0	60.0	2,279	1,740	2,100
Colo	430	420	430	247	281	260	116.0	126.0	117.0	28,652	35,400	30,420
Conn	960	955	960	695	675	725	116.0	110.0	127.0	80,620	74,250	92,075
Del	54	53	53	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fla	203	187	180	185	175	167	56.0	96.0	102.0	10,360	16,800	17,034
Ga	623	430	426	299	370	360	35.0	52.0	53.0	10,465	19,240	19,080
Idaho	2,240	1,700	1,670	1,000	1,500	1,550	24.0	50.0	65.0	24,000	75,000	100,750
Ill	120	123	122	28	39	41	86.0	87.0	88.0	2,408	3,393	3,608
Ind	11,350	11,000	10,850	11,080	10,730	10,610	105.0	111.0	128.0	1,163,400	1,191,030	1,358,080
Iowa	6,400	6,100	6,150	6,210	5,900	5,930	102.0	103.0	112.0	633,420	637,200	664,160
Kans	13,800	13,500	13,500	12,700	12,700	12,800	86.0	115.0	127.0	1,092,200	1,460,500	1,625,600
Ky	2,030	1,820	1,750	1,680	1,500	1,470	96.0	102.0	117.0	161,280	158,000	171,990
La	1,650	1,570	1,440	1,470	1,410	1,300	90.0	85.0	102.0	132,300	119,850	132,600
Maine	86	65	57	65	47	41	52.0	59.0	54.0	3,380	2,773	2,214
Md	51	50	50	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mass	730	690	690	600	590	595	72.0	97.0	99.0	43,200	57,230	58,905
Mich	42	43	43	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minn	2,800	2,850	2,900	2,320	2,400	2,500	85.0	81.0	95.0	197,200	194,400	237,500
Miss	6,900	7,000	6,900	6,000	6,190	6,060	100.0	104.0	100.0	600,000	643,760	606,000
Mo	250	215	190	160	135	110	36.0	56.0	52.0	5,760	7,560	5,720
Mont	2,900	2,400	2,400	2,650	2,200	2,220	76.0	87.0	103.0	201,400	191,400	223,660
Nebr	90	88	85	11	5	5	68.0	72.0	77.0	748	360	385
Nev. <sup>2</sup>	7,150	7,100	7,350	6,550	6,550	6,900	99.0	113.0	115.0	648,450	740,150	793,500
N.H.	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
N.J.	26	27	28	.....	.....	.....	.....	.....	.....	.....	.....	.....
N.Mex.	149	135	124	95	95	82	70.0	91.0	90.0	6,650	8,645	7,380
N.Y.	135	99	106	114	72	74	90.0	106.0	109.0	10,260	7,632	8,066
N.C.	1,375	1,300	1,300	640	600	650	80.0	79.0	85.0	51,200	47,400	55,250
N.Dak	2,000	1,760	1,850	1,740	1,600	1,690	51.0	76.0	76.0	88,740	121,600	128,440
Ohio	620	600	590	237	253	230	73.0	79.0	76.0	17,301	19,987	22,040
Okla	3,900	3,850	3,850	3,620	3,610	3,630	105.0	105.0	115.0	380,100	379,050	417,450
Oreg	140	120	125	95	73	75	82.0	65.0	110.0	7,790	4,745	8,250
Pa	45	45	46	12	13	11	95.0	95.0	100.0	1,140	1,235	1,100
R.I.	1,615	1,615	1,640	1,160	1,190	1,215	92.0	95.0	95.0	106,720	113,050	115,425
S.C.	4	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
S.Dak	825	640	570	690	550	509	36.0	55.0	80.0	24,840	30,250	40,720
Tenn	3,000	3,250	3,440	2,150	2,560	2,850	59.0	67.0	74.0	126,850	171,520	210,900
Tex	900	820	750	730	660	620	65.0	66.0	83.0	47,450	43,560	51,460
Utah	1,800	1,600	1,400	1,650	1,440	1,260	98.0	100.0	105.0	161,700	144,000	132,300
Vt	80	92	96	13	16	16	89.0	90.0	94.0	1,157	1,440	1,504
Va	110	112	116	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wash	855	825	810	560	615	615	55.0	82.0	83.0	30,800	50,430	51,045
W.Va	128	119	155	64	65	103	119.0	114.0	119.0	7,616	7,410	12,257
Wis	100	93	98	54	58	59	74.0	77.0	77.0	3,996	4,466	4,543
Wyo	3,850	3,750	3,950	2,800	2,750	2,980	104.0	98.0	103.0	291,200	269,500	306,940
U.S.	89	87	87	30	34	29	85.0	81.0	87.0	2,550	2,754	2,523
U.S.	83,568	80,052	80,011	70,872	70,275	70,984	90.7	100.8	109.4	6,425,457	7,086,666	7,763,771

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued after 1977 crop.

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Table 43.—Corn: Utilization for silage and forage, by States, 1977-79

State	Silage									Forage area harvested <sup>1</sup>		
	Area harvested			Yield per acre			Production					
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres
Ala .....	57	51	46	7.0	10.0	11.5	399	510	529	25	13	11
Ariz .....	10	18	12	21.0	20.0	22.0	210	360	264	3	1	2
Ark .....	8	2	4	10.0	10.0	10.0	80	20	40	2	3	8
Calif .....	181	137	168	19.5	19.5	22.0	3,530	2,672	3,696	2	2	2
Colo .....	242	244	220	18.0	19.0	20.0	4,356	4,636	4,400	8	6	5
Conn .....	52	51	51	17.5	18.0	14.5	910	918	740	.....	.....	.....
Del .....	14	10	11	11.0	12.5	14.0	154	125	154	1	1	1
Fla .....	22	18	18	10.5	13.0	13.0	231	234	234	56	26	30
Ga .....	90	100	84	8.0	12.0	13.0	720	1,200	1,092	50	30	13
Idaho .....	89	81	78	18.0	18.5	19.5	1,602	1,499	1,521	2	2	2
Ill .....	225	235	220	14.5	15.5	16.0	3,263	3,643	3,520	25	25	10
Ind .....	160	176	134	15.0	15.0	16.5	2,400	2,640	2,211	13	6	18
Iowa .....	875	710	650	12.5	16.0	17.5	10,938	11,360	11,375	40	30	30
Kans .....	290	273	245	13.5	12.0	15.0	3,915	3,276	3,675	15	10	5
Ky .....	155	140	115	15.5	15.5	17.0	2,403	2,170	1,955	15	10	5
La .....	10	13	13	12.0	13.0	11.0	120	169	143	2	2	1
Maine .....	42	43	45	11.0	13.0	13.5	462	559	608	.....	.....	.....
Md .....	121	94	90	13.0	15.0	15.5	1,573	1,410	1,395	5	4	4
Mass .....	38	40	39	16.0	16.5	17.0	608	660	663	.....	.....	.....
Mich .....	420	420	370	12.5	12.5	13.5	5,250	5,250	4,995	10	16	15
Minn .....	830	750	750	13.0	12.5	13.5	10,790	9,375	10,125	30	20	30
Miss .....	60	70	72	11.0	12.5	12.5	660	875	900	5	5	4
Mo .....	153	132	112	11.0	12.0	13.0	1,683	1,584	1,456	32	41	42
Mont .....	70	76	73	17.0	21.0	16.0	1,190	1,596	1,168	5	4	4
Nebr .....	470	450	395	13.0	15.0	15.5	6,110	6,750	6,123	30	30	25
Nev. <sup>3</sup> .....	3	.....	.....	15.0	.....	.....	45	.....	.....	.....	.....	.....
N.H .....	24	23	24	17.0	14.0	15.0	408	322	360	.....	.....	.....
N.J .....	48	37	39	14.0	15.5	15.0	672	574	585	3	2	2
N.Mex .....	16	21	28	14.0	15.0	17.5	224	315	490	2	4	2
N.Y .....	654	682	625	13.0	13.0	13.0	8,502	8,866	8,125	11	8	5
N.C .....	150	130	130	10.0	13.5	14.0	1,500	1,755	1,820	25	10	10
N.Dak .....	332	321	275	5.1	6.7	6.7	1,693	2,151	1,843	31	19	15
Ohio .....	242	212	192	14.0	14.0	14.0	3,388	2,968	2,688	8	8	8
Okla .....	34	27	41	11.5	12.5	16.0	391	338	656	5	5	4
Oreg .....	31	30	32	20.0	20.0	22.0	620	600	704	1	1	1
Pa .....	440	410	410	15.0	15.5	15.0	6,600	6,355	6,150	5	5	5
R.I .....	4	4	4	15.5	16.5	14.0	62	66	56	.....	.....	.....
S.C .....	53	63	44	9.5	11.0	13.5	504	693	594	20	10	10
S.Dak .....	750	630	520	7.2	8.2	7.8	5,400	5,165	4,056	55	30	20
Tenn .....	150	150	116	13.0	13.5	15.5	1,950	2,025	1,798	5	5	6
Tex .....	120	125	105	16.5	15.0	16.5	1,980	1,875	1,733	20	13	14
Utah .....	62	71	76	17.0	16.0	19.5	1,054	1,136	1,482	3	3	2
Vt .....	99	105	105	12.5	14.0	15.0	1,238	1,470	1,575	.....	.....	.....
Va .....	269	200	180	9.5	15.0	15.0	2,556	3,000	2,700	9	6	9
Wash .....	64	53	52	20.0	23.0	22.0	1,280	1,219	1,144	.....	1	.....
W.Va .....	43	30	35	13.5	13.5	13.5	581	405	473	2	3	2
Wis .....	980	920	900	12.0	12.0	12.0	11,760	11,040	10,800	20	20	30
Wyo .....	55	45	54	13.5	15.5	16.5	743	698	891	3	7	3
U.S .....	9,307	8,623	8,002	12.5	13.5	14.2	116,708	116,528	113,705	604	447	415

<sup>1</sup>Includes hogged or grazed and that cut and fed without removing grain.<sup>2</sup>Preliminary.<sup>3</sup>Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 44.—Corn: Production, disposition, and value, by States, crop of 1979 (preliminary)

State	Production for grain	Used on farm where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala .....	30,622	18,067	12,555	2.90	88,804	36,410
Ariz .....	5,175	259	4,916	3.15	16,301	15,485
Ark .....	2,100	1,386	714	2.70	5,670	1,928
Calif .....	30,420	3,042	27,378	3.20	97,344	87,610
Colo .....	92,075	13,811	78,264	2.40	220,980	187,334
Del .....	17,034	3,066	13,968	2.80	47,695	39,110
Fla .....	19,080	7,632	11,448	2.85	54,378	32,627
Ga .....	100,750	44,330	56,420	2.85	287,138	160,797
Idaho .....	3,608	1,082	2,526	2.90	10,463	7,325
Ill .....	1,358,080	380,262	977,818	2.50	3,395,200	2,444,545
Ind .....	664,160	212,531	451,629	2.50	1,660,400	1,129,073
Iowa .....	1,625,600	682,752	942,848	2.30	3,738,880	2,168,550
Kans .....	171,990	49,877	122,113	2.50	429,975	305,283
Ky .....	132,600	54,366	78,234	2.50	331,500	195,585
La .....	2,214	1,616	598	2.80	6,199	1,674
Md .....	58,905	17,671	41,234	2.80	164,934	115,455
Mich .....	237,500	71,250	166,250	2.25	534,375	374,063
Minn .....	606,000	272,700	333,300	2.00	1,212,000	666,600
Miss .....	5,720	4,919	801	3.10	17,732	2,483
Mo .....	228,660	125,763	102,897	2.35	537,351	241,808
Mont .....	385	308	77	2.40	924	185
Nebr .....	793,500	261,855	531,645	2.30	1,825,050	1,222,784
N.J .....	7,380	1,919	5,461	3.00	22,140	16,383
N.Mex .....	8,066	1,129	6,937	2.80	22,585	19,424
N.Y .....	55,250	30,387	24,863	2.65	146,413	65,887
N.C .....	128,440	37,248	91,192	2.80	359,632	255,338
N.Dak .....	22,040	7,494	14,546	1.95	42,978	28,365
Ohio .....	417,450	150,282	267,168	2.45	1,022,753	654,562
Okla .....	8,250	2,887	5,363	2.70	22,275	14,480
Oreg .....	1,100	495	605	3.00	3,300	1,815
Pa .....	115,425	66,946	48,479	2.80	323,190	135,741
S.C .....	40,720	10,587	30,133	2.75	111,980	82,866
S.Dak .....	210,900	111,777	99,123	1.90	400,710	188,334
Tenn .....	51,460	28,818	22,642	2.80	144,088	63,898
Tex .....	132,300	25,137	107,163	2.80	370,440	300,056
Utah .....	1,504	451	1,053	2.95	4,437	3,106
Va .....	51,045	27,054	23,991	2.85	145,478	68,374
Wash .....	12,257	1,839	10,418	2.90	35,545	30,212
W.Va .....	4,543	3,771	772	2.50	11,358	1,930
Wis .....	306,940	178,025	128,915	2.25	690,615	290,059
Wyo .....	2,523	1,539	984	2.40	6,055	2,362
U.S .....	7,763,771	2,916,330	4,847,441	2.41	18,569,265	11,659,906

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Table 45.—Corn: Area, yield per hectare, and production in specified countries, 1977-79<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:									
Canada .....	725	782	890	5.86	5.16	5.58	4,246	4,033	4,963
Costa Rica .....	47	37	50	2.00	1.73	1.96	94	64	98
Cuba .....	30	30	30	.67	.67	.67	20	20	20
Dominican Republic .....	20	24	25	2.10	2.08	1.00	42	50	25
El Salvador .....	245	264	277	1.55	1.89	1.88	380	500	521
Guatemala .....	738	591	650	1.02	1.60	1.60	756	944	1,040
Haiti .....	320	320	320	.94	.81	.81	302	260	260
Honduras .....	352	329	350	.94	1.05	1.05	332	346	368
Jamaica .....	.....	9	13	.....	1.44	1.15	.....	13	15
Mexico .....	7,920	8,000	7,790	1.22	1.28	1.22	9,700	10,200	9,500
Nicaragua .....	212	228	235	.85	1.11	1.06	181	254	250
Panama .....	77	69	80	1.04	.94	1.03	80	65	82
Trinidad and Tobago .....	3	3	3	1.67	1.67	1.67	5	5	5
United States .....	28,329	28,316	28,126	5.71	6.35	6.85	161,823	179,887	192,684
Total .....	39,018	39,002	38,839	4.56	5.04	5.40	177,961	196,641	209,831
South America:									
Argentina .....	2,660	2,899	2,850	3.57	3.10	3.30	9,500	9,000	9,400
Bolivia .....	236	240	240	1.27	1.25	1.10	299	300	265
Brazil .....	10,700	11,800	12,400	1.30	1.40	1.51	13,900	16,500	18,700
Chile .....	94	130	98	2.73	3.76	4.08	257	489	400
Colombia .....	618	638	649	1.34	1.32	1.33	826	841	860
Ecuador .....	147	100	113	1.06	1.36	1.36	156	136	154
Guyana .....	5	2	4	.60	1.00	.75	3	2	3
Paraguay .....	225	260	250	1.33	1.42	1.40	300	368	350
Peru .....	390	300	360	1.85	1.83	1.67	720	550	600
Uruguay .....	170	99	180	.90	.71	.90	153	70	162
Venezuela .....	551	552	586	1.45	1.65	1.70	799	912	995
Total .....	15,796	17,020	17,730	1.70	1.71	1.80	26,913	29,168	31,889
Europe:									
Belgium-Luxembourg .....	6	6	6	5.00	6.17	5.00	30	37	30
France .....	1,627	1,815	2,075	5.29	5.28	5.20	8,614	9,581	10,800
Germany, Fed. Rep. of .....	100	117	110	5.79	5.27	5.49	579	617	604
Italy .....	983	928	940	6.51	6.64	6.79	6,396	6,162	6,378
Netherlands .....	1	1	1	5.00	5.00	5.00	5	5	5
United Kingdom .....	1	1	1	2.00	5.00	5.00	2	5	5
Total EC .....	2,718	2,868	3,133	5.75	5.72	5.69	15,626	16,407	17,822
Austria .....	166	178	184	6.98	6.55	7.00	1,159	1,166	1,288
Greece .....	129	120	128	4.31	4.48	4.90	556	537	627
Portugal .....	343	347	327	1.15	1.28	1.23	393	443	421
Spain .....	432	443	462	4.36	4.36	4.47	1,884	1,933	2,065
Switzerland .....	18	15	15	6.11	6.87	7.00	110	103	105
Total Western Europe .....	3,806	3,971	4,249	5.18	5.18	5.25	19,728	20,589	22,328
Albania .....	125	125	125	2.00	2.00	1.68	250	250	210
Bulgaria .....	704	720	720	3.76	3.21	4.17	2,649	2,310	3,000
Czechoslovakia .....	200	148	210	3.96	4.24	4.29	792	628	900
German Dem. Rep. ....	1	1	1	2.00	2.00	2.00	2	2	2
Hungary .....	1,281	1,283	1,363	4.69	5.20	5.14	6,007	6,672	7,000
Poland .....	55	33	74	4.04	3.61	4.05	222	119	300
Romania .....	3,318	3,210	3,500	3.05	3.18	3.43	10,114	10,208	12,000
Yugoslavia .....	2,321	2,128	2,210	4.25	3.55	4.30	9,870	7,555	9,500
Total Eastern Europe .....	8,005	7,648	8,203	3.74	3.63	4.01	29,906	27,744	32,912
Total Europe .....	11,811	11,619	12,452	4.20	4.16	4.44	49,634	48,333	55,240
Soviet Union (Europe and Asia) ..	3,362	2,535	2,800	3.27	3.53	2.86	10,979	8,951	8,000
Africa:									
Algeria .....	5	5	5	1.60	1.60	1.60	8	8	8
Angola .....	600	600	600	.58	.67	.67	350	400	400
Benin .....	350	350	350	.43	.57	.43	150	200	150
Burundi .....	175	175	170	1.00	1.00	1.00	175	175	170
Cameroon .....	340	345	340	1.03	1.04	1.03	350	360	350
Egypt .....	741	839	739	3.68	3.72	3.83	2,724	3,117	2,834
Ethiopia .....	900	800	900	1.11	.94	1.11	1,000	750	1,000
Ghana .....	350	355	355	1.11	1.01	1.13	387	360	400
Ivory Coast .....	450	550	575	.58	.48	.48	260	264	275
Kenya .....	1,100	1,050	950	1.74	1.80	1.63	1,910	1,895	1,550
Malagasy Rep. ....	120	101	120	1.00	.99	1.00	120	100	120
Malawi .....	1,000	1,100	1,200	1.20	1.18	1.00	1,200	1,300	1,200

See footnotes at end of table.



Table 45.—Corn: Area, yield per hectare, and production in specified countries, 1977-79<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Mali .....	90	90	90	0.83	0.89	0.89	75	80	80
Morocco .....	425	394	400	.43	.99	.63	184	390	250
Mozambique .....	680	500	700	.66	.50	.71	450	250	500
Nigeria .....	1,800	1,820	1,850	.83	.90	.90	1,500	1,640	1,670
Rwanda .....	65	60	60	1.09	1.03	1.00	71	62	60
Senegal .....	48	50	50	.79	.94	1.00	38	47	50
South Africa .....	4,498	4,620	4,750	2.24	1.70	2.11	10,054	7,872	10,000
Tanzania .....	1,800	1,800	1,850	.69	.80	.74	900	1,041	1,000
Tunisia .....	4	4	4	.25	.25	.25	1	1	1
Uganda .....	290	525	450	1.21	1.10	.89	350	580	400
Zambia .....	180	300	650	3.87	1.20	1.04	696	360	675
Zaire .....	588	600	610	.70	.69	.70	412	414	430
Zimbabwe .....	475	475	475	2.74	2.95	2.11	1,300	1,400	1,000
<b>Total .....</b>	<b>16,574</b>	<b>17,008</b>	<b>17,743</b>	<b>1.49</b>	<b>1.86</b>	<b>1.38</b>	<b>24,665</b>	<b>23,066</b>	<b>24,573</b>
<b>Asia:</b>									
Afghanistan .....	460	460	460	1.74	1.74	1.63	800	800	750
Burma .....	100	100	100	.85	.85	.85	85	85	85
Kampuchea .....	100	100	100	1.20	1.20	1.20	120	120	120
China:									
Mainland .....	18,000	20,400	20,700	1.91	2.60	2.63	34,395	53,000	54,500
Taiwan .....	36	37	42	2.64	2.89	2.86	95	107	120
India .....	5,700	5,779	5,500	1.04	1.08	.82	5,947	6,219	4,500
Indonesia .....	2,550	3,025	2,630	1.19	1.33	1.14	3,080	4,029	3,000
Iran .....	40	43	42	1.38	1.40	1.36	55	60	57
Iraq .....	20	33	33	2.60	2.91	3.03	52	96	100
Israel .....	3	3	3	2.67	2.67	2.67	8	8	8
Japan .....	3	2	2	2.67	2.50	2.50	8	5	5
Jordan .....	1	1	1	1.00	1.00	1.00	1	1	1
Korea, Dem. Peo. Rep. of .....	950	950	950	2.53	2.53	2.63	2,400	2,450	2,500
Korea, Rep. of .....	38	41	50	2.97	3.37	3.00	113	138	150
Lebanon .....	2	2	2	.50	1.00	1.00	1	2	2
Malaysia .....	7	7	7	1.00	1.14	1.14	7	8	8
Nepal .....	440	440	445	1.82	1.82	1.80	800	800	800
Pakistan .....	639	650	650	1.29	1.23	1.26	823	798	820
Philippines .....	3,332	3,276	3,450	.86	.96	.99	2,854	3,156	3,400
Saudi Arabia .....	16	16	16	1.56	1.56	1.56	25	25	25
Syria .....	40	28	28	2.00	2.36	1.79	80	66	50
Thailand .....	1,463	1,435	1,466	1.40	2.11	2.25	2,050	3,080	3,300
Turkey .....	580	580	570	2.18	2.24	2.19	1,265	1,300	1,250
Vietnam, Soc. Rep. of .....	30	250	240	1.17	1.08	1.08	35	270	260
Yemen (Sana) .....	50	50	50	1.80	1.80	1.80	90	90	90
<b>Total .....</b>	<b>34,600</b>	<b>37,708</b>	<b>37,537</b>	<b>1.59</b>	<b>2.03</b>	<b>2.02</b>	<b>55,139</b>	<b>76,663</b>	<b>75,901</b>
<b>Oceania:</b>									
Australia .....	48	51	53	2.31	2.59	2.74	111	132	145
New Zealand .....	30	27	25	7.57	8.56	8.28	227	231	207
<b>Total .....</b>	<b>78</b>	<b>78</b>	<b>78</b>	<b>4.33</b>	<b>4.65</b>	<b>4.51</b>	<b>338</b>	<b>363</b>	<b>352</b>
<b>World total .....</b>	<b>121,239</b>	<b>124,970</b>	<b>127,179</b>	<b>2.85</b>	<b>3.07</b>	<b>3.19</b>	<b>345,629</b>	<b>383,185</b>	<b>405,786</b>

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1979 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1979 and ends early in 1980.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 46.—Corn: Price-support operations, United States, 1965-80

Year beginning October	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Sept. 80
	Per bushel <sup>1</sup>	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1965	1.25	80	215	5.3	8	148
1966	1.30	81	263	6.4	13	139
1967	1.35	83	497	10.4	193	182
1968	1.35	82	404	9.2	36	<sup>5</sup> 290
1969	1.35	78	398	8.7	5	<sup>5</sup> 197
1970	1.35	76	324	7.7	7	<sup>5</sup> 97
1971	1.35	71	955	16.9	35	<sup>5</sup> 156
1972	1.41	70	420	7.5	1	<sup>5</sup> 4
1973	1.64	70	262	4.6		
1974	1.38	51	77	1.7		
1975	1.38	45	148	2.6		
1976	1.57	46	276	4.4		
1977	2.00	58	1,159	18.0	13	13
1978	2.10	56	641	9.0	87	100
1979	2.20	52	<sup>6</sup> 750	<sup>6</sup> 9.7	100	<sup>6</sup> 200
1980	<sup>7</sup> 2.35-2.05					

<sup>1</sup>Includes price-support payments of 20 cents in 1965, 30 cents from 1966 to 1970, and a guarantee of 32 cents in 1971, 40 cents in 1972, and 32 cents in 1973. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is \$1.10; for 1976, \$1.50; for 1977-78, \$2.00; and, for 1979-80, \$2.10 on entire production. For 1974-77, the target level is a price guarantee on allotment production at levels indicated under support price. For 1978 and subsequent crops, income support on entire planted acreage in program. <sup>2</sup>Percentage of parity price as of the beginning of the marketing year. <sup>3</sup>Represents loans made, purchases, and purchase agreements entered into. Percentage of production is on a grain basis. <sup>4</sup>Includes deliveries from original program, the resale program and over-deliveries as determined by weight of farm-stored grain when delivered to CCC. For 1979, acquired through direct purchases by CCC. <sup>5</sup>Uncommitted CCC inventory. <sup>6</sup>Preliminary. <sup>7</sup>Producers who exceed their NCA will be eligible for the Lower Target price.

Agricultural Stabilization and Conservation Service.

Table 47.—Corn and cornmeal: United States exports (domestic), by country of destination, 1977 and 1978<sup>1</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1977	1978		1977	1978
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Corn:			Cornmeal:		
Canada	232,166	364,056	Canada	4,098,973	5,875,201
Other Americas	3,048,845	2,686,445	Dominican Republic	13,292	146,871
Total Americas	3,281,011	3,050,501	Brazil	501	68,151
			Colombia	77,318	242,181
			Other Americas	1,758,900	2,189,583
			Total Americas	5,948,984	8,521,987
Belgium and Luxembourg	1,600,898	2,023,125	Europe	193,501	205,786
Germany, Fed. Rep. of	2,500,606	1,434,710			
Greece	1,045,813	1,185,775	Philippines	401	
Italy	2,065,454	1,503,042	Other Asia and Oceania	725,952	787,597
Netherlands	2,870,037	2,193,426	Senegal	562,951	616,231
Norway	56,505	62,992	South Africa	88,543	57,228
Spain	1,669,670	1,747,164	Other Africa	5,572,179	5,122,964
United Kingdom	2,034,225	1,989,508	World total	13,092,511	15,261,793
Other Europe	15,364,395	16,539,009	Relief or charity <sup>2</sup>	6,268,250	5,204,477
Total Europe	29,207,603	28,678,751			
India		6,911			
Israel	395,022	257,863			
Japan	8,610,030	8,979,130			
Other Asia and Oceania	3,555,070	8,123,856			
Egypt	731,403	617,227			
Other Africa	596,446	586,216			
Other countries	2,779,619	3,602,268			
World total	49,156,204	53,902,723			
Relief or charity <sup>2</sup>					

<sup>1</sup>Year beginning Oct. 1. <sup>2</sup>Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 48.—Oats: Area, yield, production, disposition, and value, United States, 1965-79

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price <sup>2</sup> per bushel re- ceived by farmers <sup>2</sup>	Value of production
	Planted <sup>1</sup>	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1965 .....	24,046	18,522	50.2	929,554	614,801	314,753	0.622	587,414
1966 .....	23,343	17,877	44.9	803,324	526,776	276,548	.666	539,808
1967 .....	20,719	16,110	49.3	793,800	525,377	268,423	.659	528,034
1968 .....	23,342	17,708	53.7	950,689	591,648	359,041	.598	575,848
1969 .....	23,561	17,971	53.7	965,863	586,254	379,609	.584	572,321
1970 .....	24,410	18,594	49.2	915,236	561,303	353,933	.623	582,225
1971 .....	21,831	15,705	55.9	878,079	539,095	338,984	.604	543,715
1972 .....	19,990	13,410	51.5	690,616	428,465	262,151	.724	507,202
1973 .....	18,605	13,770	47.9	659,136	403,507	255,629	1.18	774,715
1974 .....	17,013	12,608	47.6	600,655	389,016	211,639	1.53	912,010
1975 .....	16,486	13,092	49.0	642,042	396,586	245,586	1.46	928,391
1976 .....	16,734	11,946	45.7	546,815	352,983	193,332	1.56	845,188
1977 .....	17,733	13,452	55.8	750,901	456,272	294,629	1.10	824,703
1978 .....	16,245	11,426	52.2	595,882	377,007	218,875	1.20	706,084
1979 <sup>3</sup> .....	14,146	9,831	54.4	534,386	347,513	186,873	1.36	716,783

<sup>1</sup> Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.<sup>2</sup> Includes allowance for unredeemed loans and purchases by Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 49.—Oats: Stocks on and off farms, United States, 1965-79

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1965 .....	782,038	661,263	449,217	241,215	138,613	102,605	87,258	75,460
1966 .....	678,804	557,581	355,033	199,294	156,250	105,110	87,895	71,346
1967 .....	650,293	552,094	363,866	207,725	135,670	104,378	83,534	66,511
1968 .....	791,680	668,396	448,085	278,688	154,655	123,227	109,377	99,949
1969 .....	847,091	738,853	541,049	352,783	193,728	160,986	144,644	145,812
1970 .....	857,908	710,715	509,312	315,933	246,292	210,771	199,540	200,822
1971 .....	810,818	691,350	506,509	336,119	280,502	250,581	228,710	204,940
1972 .....	681,046	558,177	378,809	229,986	249,036	220,117	206,575	180,974
1973 .....	605,348	472,186	287,063	150,114	198,719	161,692	147,527	103,745
1974 .....	497,668	380,064	233,313	119,303	155,720	122,512	89,865	65,307
1975 .....	487,412	398,891	247,832	158,939	130,775	94,092	70,101	46,277
1976 .....	419,968	339,008	211,615	129,328	112,445	73,477	47,459	35,603
1977 .....	561,425	482,291	357,348	257,067	115,459	82,707	61,317	53,556
1978 .....	546,043	478,838	326,287	236,037	115,008	80,570	64,291	50,703
1979 <sup>3</sup> .....	472,168	406,449	288,228	.....	102,310	76,007	55,367	.....

<sup>1</sup> Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.<sup>2</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 50.—Oats: Supply and disappearance, United States, 1965-79

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Begin- ning stocks	Pro- duc- tion	Im- ports	Total	Domestic use			Ex- ports	Total disap- pear- ance	Pri- vately held <sup>1</sup>	Gov- ern- ment <sup>2</sup>	Total
					Feed	Food and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1965 .....	325	930	4	1,259	742	105	847	34	881	341	37	378
1966 .....	378	808	4	1,185	749	97	846	22	868	276	41	317
1967 .....	317	794	3	1,114	686	101	787	11	798	271	45	316
1968 .....	316	951	2	1,269	736	101	837	8	845	377	47	424
1969 .....	424	966	2	1,392	735	104	839	5	844	468	80	548
1970 .....	548	915	1	1,464	778	97	875	19	894	429	141	570
1971 .....	570	878	3	1,451	739	94	833	21	854	423	174	597
1972 .....	597	691	3	1,291	721	88	809	19	828	350	113	463
1973 .....	463	659	( <sup>3</sup> )	1,123	674	85	759	57	816	282	25	307
1974 .....	307	601	( <sup>3</sup> )	908	584	82	666	19	685	216	7	223
1975 .....	223	642	1	866	562	85	647	14	661	205	0	205
1976 .....	205	546	2	753	490	88	578	10	588	165	0	165
1977 .....	165	751	2	918	512	84	596	11	607	311	0	311
1978 <sup>4</sup> .....	311	596	1	908	530	78	608	13	621	285	2	287
1979 <sup>4</sup> .....	287	534	1	822	499	80	579	4	583	237	2	239

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Uncommitted Government only.<sup>3</sup> Less than 500,000 bushels.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 51.—Oats: Price-support operations, United States 1965-80

Year beginning July <sup>1</sup>	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1965 .....	0.60	70	43.9	4.7	6.8	50.6
1966 .....	.60	69	22.7	2.8	6.5	47.8
1967 .....	.63	71	37.2	4.7	19.5	45.2
1968 .....	.63	70	94.9	10.1	35.6	54.2
1969 .....	.63	67	152.4	15.7	62.0	5104.3
1970 .....	.63	66	108.8	11.9	26.6	5168.9
1971 .....	.54	56	81.9	9.3	.7	5178.1
1972 .....	.54	54	31.8	4.6	.....	5104.9
1973 .....	.54	48	10.4	1.6	.....	523.9
1974 .....	.54	43	3.9	.6	.....	55.8
1975 .....	.54	38	3.9	.6	.....	.....
1976 .....	.72	45	4.6	.8	.....	.....
1977 .....	1.03	59	82.6	11.0	.1	5.1
1978 .....	1.03	54	25.1	4.2	1.3	52.4
1979 .....	1.08	50	613.0	62.4	6.6	63.0
1980 .....	61.08	.....	.....	.....	.....	.....

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>3</sup> Includes loans made, purchases, and purchase agreements entered into.<sup>4</sup> Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.<sup>5</sup> Uncommitted CCC inventory.<sup>6</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 52.—Oats: Area, yield, and production, by States, 1977–79

State	Area planted <sup>2</sup>			Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Ala. ....	92	92	90	25	30	25	41.0	40.0	41.0	1,025	1,200	1,025
Ark. ....	85	80	70	50	55	32	70.0	73.0	65.0	3,500	4,015	2,080
Calif. ....	400	380	350	104	106	85	51.0	48.0	55.0	5,304	5,088	4,675
Colo. ....	115	121	115	31	40	50	46.0	44.0	50.0	1,426	1,760	2,500
Fla. <sup>3</sup> ....	33	.....	.....	12	.....	.....	45.0	.....	.....	540	.....	.....
Ga. ....	130	135	130	55	65	59	50.0	53.0	54.0	2,750	3,445	3,186
Idaho. ....	66	65	63	45	49	44	57.0	64.0	52.0	2,565	3,136	2,288
Ill. ....	390	430	355	340	285	270	61.0	56.0	60.0	20,740	15,960	16,200
Ind. ....	200	220	190	150	165	145	53.0	54.0	61.0	7,950	8,910	8,845
Iowa. ....	1,650	1,650	1,350	1,350	1,050	1,000	61.0	58.0	63.0	82,350	60,900	63,000
Kans. ....	285	150	135	210	105	85	45.0	39.0	44.0	9,450	4,095	3,740
Ky. ....	36	36	36	9	7	8	35.0	42.0	41.0	315	294	328
La. <sup>3</sup> ....	19	.....	.....	7	.....	.....	54.0	.....	.....	378	.....	.....
Maine. ....	38	39	43	30	36	39	50.0	66.0	62.0	1,500	2,376	2,418
Md. ....	27	28	27	22	23	22	54.0	54.0	55.0	1,188	1,242	1,210
Mich. ....	400	390	290	340	360	270	55.0	57.0	61.0	18,700	20,520	16,470
Minn. ....	2,530	2,150	1,650	2,380	1,830	1,490	68.0	54.0	57.0	161,840	98,820	84,930
Miss. <sup>3</sup> ....	30	.....	.....	13	.....	.....	45.0	.....	.....	585	.....	.....
Mo. ....	220	80	90	145	35	45	50.0	38.0	45.0	7,250	1,330	2,025
Mont. ....	312	400	360	140	208	140	40.0	51.0	39.0	5,600	10,608	5,460
Nebr. ....	840	600	500	700	450	380	58.0	47.0	53.0	40,600	21,150	20,140
Nev. <sup>3</sup> ....	13	.....	.....	4	.....	.....	55.0	.....	.....	220	.....	.....
N.J. ....	10	9	9	9	8	8	43.0	48.0	50.0	387	384	400
N.Y. ....	340	350	330	290	300	290	53.0	59.0	62.0	15,370	17,700	17,980
N.C. ....	170	185	180	75	95	95	42.0	55.0	56.0	3,150	5,225	5,320
N.Dak. ....	1,900	1,350	1,050	1,500	1,220	840	40.0	54.0	44.0	60,000	65,880	36,960
Ohio. ....	460	440	370	420	400	340	59.0	61.0	70.0	24,780	24,400	23,800
Okla. ....	280	260	230	130	95	95	46.0	36.0	48.0	5,980	3,420	4,560
Oreg. ....	140	130	125	80	70	65	65.0	65.0	64.0	5,200	4,550	4,160
Pa. ....	390	360	360	350	340	335	53.0	53.0	55.0	18,550	18,020	18,425
S.C. ....	117	135	110	55	75	59	46.0	52.0	54.0	2,530	3,900	3,186
S.Dak. ....	2,920	2,570	2,400	2,450	2,210	1,970	54.0	46.5	46.5	132,300	102,765	98,500
Tenn. ....	108	96	85	25	25	27	43.0	45.0	41.0	1,075	1,125	1,107
Tex. ....	1,450	1,800	1,700	600	430	400	40.0	32.0	42.0	24,000	18,760	16,800
Utah. ....	20	21	21	10	12	12	55.0	48.0	59.0	550	576	708
Va. ....	75	82	75	34	36	35	44.0	45.0	49.0	1,496	1,620	1,715
Wash. ....	78	72	69	35	30	33	43.0	58.0	53.0	1,505	1,740	1,749
W.Va. ....	19	18	17	12	12	12	41.0	42.0	51.0	492	504	612
Wis. ....	1,270	1,250	1,100	1,170	1,120	980	65.0	56.0	57.0	76,050	62,720	55,860
Wyo. ....	75	71	71	45	49	46	38.0	56.0	44.0	1,710	2,744	2,024
U.S. ....	17,733	16,245	14,146	13,452	11,426	9,831	55.8	52.2	54.4	750,901	595,882	534,386

<sup>1</sup>Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.<sup>2</sup>Preliminary.<sup>3</sup>Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 53.—Oats and oatmeal: United States exports, by country of destination, 1977 and 1978<sup>1</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1977	1978		1977	1978
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Oats:			Oatmeal:		
Mexico. ....	4,270	2,291	Mexico. ....	297	932
Belgium and Luxembourg. ....	7,915	.....	Central America. ....	9,705	9,802
Germany, Fed. Rep. of. ....	119,090	.....	Colombia. ....	3,284	1,463
Italy. ....	.....	.....	Ecuador. ....	96	26
Netherlands. ....	24,997	10,500	Venezuela. ....	7,413	4,376
Switzerland. ....	4,935	.....	Other Americas. ....	4,859	8,546
Other countries. ....	57,572	40,502	Other countries. ....	4,878	3,658
World total <sup>2</sup> . ....	218,779	53,293	World total. ....	30,532	28,803

<sup>1</sup>Year beginning Oct. 1.<sup>2</sup>Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 54.—Oats: Production, disposition, and value, by States, crop of 1979 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Ala	1,025	615	410	1.70	1,743	697
Ark	2,080	270	1,810	1.60	3,328	2,896
Calif	4,675	701	3,974	2.10	9,818	8,345
Colo	2,500	1,450	1,050	1.55	3,875	1,628
Ga	3,186	1,625	1,561	1.30	4,142	2,029
Idaho	2,288	1,190	1,098	1.65	3,775	1,812
Ill	16,200	9,558	6,642	1.40	22,680	9,299
Ind	8,845	5,307	3,538	1.55	13,710	5,489
Iowa	63,000	42,840	20,160	1.40	88,200	28,224
Kans	3,740	2,992	748	1.65	6,171	1,234
Ky	328	259	69	2.20	722	152
Maine	2,418	363	2,055	1.20	2,902	2,466
Md	1,210	980	230	1.50	1,815	345
Mich	16,470	6,917	9,553	1.40	23,058	13,374
Minn	84,980	51,807	33,123	1.25	106,163	41,404
Mo	2,025	1,782	243	1.50	3,038	365
Mont	5,460	4,040	1,420	1.45	7,917	2,059
Nebr	20,140	13,091	7,049	1.30	26,182	9,164
N.J	400	284	116	1.50	600	174
N.Y	17,980	12,047	5,933	1.40	25,172	8,306
N.C	5,320	3,086	2,234	1.30	6,916	2,904
N.Dak	36,960	29,938	7,022	1.10	40,656	7,724
Ohio	23,800	13,090	10,710	1.45	34,510	15,530
Okla	4,560	3,055	1,505	1.80	8,208	2,709
Oreg	4,160	1,206	2,954	1.60	6,656	4,726
Pa	18,425	14,371	4,054	1.45	26,716	5,878
S.C	3,186	1,593	1,593	1.20	3,823	1,912
S.Dak	98,500	61,070	37,430	1.25	123,125	46,788
Tenn	1,107	731	376	1.80	1,993	677
Tex	16,800	10,248	6,552	1.55	26,040	10,156
Utah	708	531	177	1.70	1,204	301
Va	1,715	1,286	429	1.50	2,573	644
Wash	1,749	944	805	1.70	2,973	1,369
W.Va	612	566	46	1.35	826	62
Wis	55,860	46,364	9,496	1.30	72,618	12,345
Wyo	2,024	1,316	708	1.45	2,935	1,027
U.S.	534,386	347,513	186,873	1.36	716,783	254,209

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 55

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1979 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1979 and ends early in 1980.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.



Table 55.—Oats: Area, yield per hectare, and production in specified countries, 1977-79<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada .....	2,131	1,829	1,541	2.02	1.98	1.93	4,303	3,620	2,978
Mexico .....	65	110	80	.94	.91	.94	61	100	75
United States .....	5,444	4,666	4,047	2.00	1.87	1.90	10,901	8,730	7,707
Total .....	7,640	6,605	5,668	2.00	1.88	1.90	15,265	12,450	10,760
South America:									
Argentina .....	430	512	400	1.33	1.32	1.31	570	676	525
Brazil .....	46	60	45	.87	1.02	.89	40	61	40
Chile .....	75	79	79	1.24	1.90	1.38	93	150	109
Colombia .....	2	2	2	2.50	2.50	2.50	5	5	5
Ecuador .....	1	1	1	1.00	1.00	1.00	1	1	1
Uruguay .....	30	34	60	.57	.68	.72	17	23	43
Total .....	584	688	587	1.24	1.33	1.23	726	916	723
Europe:									
Belgium-Luxembourg .....	48	40	37	2.92	4.03	3.84	140	161	142
Denmark .....	78	61	37	3.69	3.44	3.51	288	210	130
France .....	625	608	558	3.08	3.61	3.11	1,928	2,195	1,735
Germany, Fed. Rep. of .....	793	750	751	3.42	4.27	3.93	2,714	3,202	2,951
Ireland .....	35	81	27	3.63	3.71	3.81	127	115	103
Italy .....	226	228	220	1.57	2.02	1.91	355	461	420
Netherlands .....	21	25	21	4.48	5.60	4.90	94	140	103
United Kingdom .....	195	182	160	4.05	3.90	3.44	790	710	550
Total EC .....	2,021	1,925	1,811	3.18	3.74	3.39	6,436	7,194	6,134
Austria .....	90	89	90	3.10	3.42	3.00	279	304	270
Finland .....	417	448	451	2.45	2.42	2.44	1,022	1,082	1,100
Greece .....	63	59	57	1.27	1.66	1.56	80	98	89
Norway .....	99	97	97	3.51	3.78	3.68	347	367	357
Portugal .....	150	204	189	.37	.29	.26	55	59	50
Spain .....	384	420	393	1.10	1.29	1.13	421	542	445
Sweden .....	458	453	456	3.09	3.42	3.49	1,416	1,550	1,590
Switzerland .....	11	11	11	4.18	5.00	4.55	46	55	50
Total Western Europe .....	3,693	3,706	3,555	2.74	3.04	2.84	10,102	11,251	10,085
Albania .....	25	25	25	.68	.68	.80	17	17	20
Bulgaria .....	50	45	45	1.20	1.33	1.33	60	60	60
Czechoslovakia .....	190	151	150	2.39	3.01	2.67	454	455	400
German Dem. Rep. ....	153	153	140	2.69	3.89	2.86	411	595	400
Hungary .....	32	27	45	2.16	2.70	1.67	69	73	75
Poland .....	1,097	1,030	1,094	2.33	2.42	2.01	2,561	2,490	2,200
Romania .....	54	48	40	1.13	1.19	1.25	61	57	50
Yugoslavia .....	231	210	210	1.34	1.35	1.31	309	284	275
Total Eastern Europe .....	1,832	1,689	1,749	2.15	2.39	1.99	3,942	4,031	3,480
Total Europe .....	5,525	5,395	5,304	2.54	2.83	2.56	14,044	15,282	13,565
Soviet Union (Europe and Asia) ..	13,026	12,097	12,400	1.41	1.53	1.29	18,407	18,507	16,000
Africa:									
Algeria .....	70	80	80	.93	.88	1.00	65	70	80
Morocco .....	27	26	26	.30	.42	.46	8	11	12
South Africa .....	552	403	425	.07	.17	.22	40	69	95
Total .....	649	509	531	.17	.29	.35	113	150	187
Asia:									
China, Mainland .....	1,487	1,400	1,400	1.02	1.07	1.07	1,515	1,500	1,500
Japan .....	8	11	6	2.25	1.82	2.33	18	20	14
Turkey .....	230	225	210	1.61	1.64	1.62	370	370	340
Total .....	1,725	1,636	1,616	1.10	1.16	1.15	1,903	1,890	1,854
Oceania:									
Australia .....	1,076	1,392	1,300	.92	1.34	1.15	991	1,868	1,500
New Zealand .....	17	18	17	3.47	3.17	3.41	59	57	58
Total .....	1,093	1,410	1,317	.96	1.37	1.18	1,050	1,925	1,558
World total .....	30,242	28,340	27,423	1.70	1.80	1.63	51,508	51,120	44,647

See footnotes on page 41.

Table 56.—Barley: Area, yield, production, disposition, and value, United States, 1965-79

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production
	Planted <sup>1</sup>	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1965	10,123	9,166	42.9	393,065	92,880	300,175	1.02	399,575
1966	11,184	10,250	38.3	392,108	103,816	288,292	1.06	411,849
1967	10,077	9,230	40.5	373,745	104,154	269,591	1.01	374,412
1968	10,486	9,732	43.8	426,151	110,361	315,790	.921	390,241
1969	10,291	9,557	44.7	427,055	116,637	310,418	.885	377,878
1970	10,476	9,712	42.8	416,091	114,865	301,226	.973	400,312
1971	11,061	10,104	45.8	462,423	125,052	337,371	.993	457,558
1972	10,567	9,645	43.7	421,719	109,480	312,239	1.21	505,222
1973	11,045	10,295	40.5	417,434	109,068	308,366	2.14	881,569
1974	8,713	7,930	37.7	298,669	81,501	217,168	2.81	821,639
1975	9,290	8,530	43.9	374,386	100,127	274,259	2.42	894,729
1976	9,157	8,297	44.9	372,461	98,175	274,286	2.25	829,716
1977	10,621	9,564	43.9	420,159	114,524	305,635	1.78	744,900
1978	9,996	9,247	48.6	449,177	118,053	331,124	1.92	858,367
1979 <sup>3</sup>	8,060	7,468	50.6	378,067	105,327	272,740	2.31	865,691

<sup>1</sup>Barley sown for all purposes, including barley sown in preceding fall.<sup>2</sup>Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 57.—Barley: Stocks on and off farms, United States, 1965-79

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1965	244,187	184,763	99,281	46,208	143,530	116,298	93,961	58,631
1966	246,672	177,746	113,764	56,467	139,998	115,226	92,240	64,798
1967	232,905	184,651	128,747	71,241	148,900	118,539	89,266	66,144
1968	305,974	250,262	185,706	116,056	151,139	123,898	99,034	84,609
1969	313,280	263,619	197,072	135,246	190,794	162,151	133,599	100,306
1970	306,992	238,143	141,748	80,534	183,833	142,192	115,019	74,845
1971	317,366	255,212	165,647	106,920	171,130	136,904	117,985	67,818
1972	321,090	245,864	160,937	88,639	131,967	115,568	97,340	73,788
1973	283,472	206,423	121,011	54,961	137,576	113,558	93,823	63,926
1974	276,641	125,032	62,975	29,582	128,165	102,728	71,227	45,642
1975	212,301	160,291	97,805	63,198	128,963	113,508	86,360	64,666
1976	208,938	153,726	90,752	52,252	152,354	117,511	97,316	73,448
1977	265,840	218,947	148,919	104,741	139,334	110,266	89,043	67,377
1978	341,345	276,139	198,180	150,055	129,611	114,164	97,753	78,615
1979 <sup>3</sup>	308,626	244,108	164,407	.....	150,319	119,210	96,226	.....

<sup>1</sup>Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.<sup>2</sup>Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 58.—Barley: Supply and disappearance, United States, 1965-79

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Begin- ning stocks	Pro- duc- tion	Im- ports	Total	Domestic use			Ex- ports	Total disap- pear- ance	Pri- vately held <sup>1</sup>	Gov- ern- ment <sup>2</sup>	Total
					Feed	Food, alcohol, and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1965 .....	133	393	8	534	202	121	323	78	401	123	10	133
1966 .....	133	392	7	532	209	127	336	48	384	142	6	148
1967 .....	148	374	9	531	205	129	334	36	370	155	6	161
1968 .....	161	426	10	597	227	133	360	12	372	217	8	225
1969 .....	225	427	13	665	248	138	386	10	396	256	13	269
1970 .....	269	416	10	695	287	140	427	84	511	161	23	184
1971 .....	184	462	12	658	266	143	409	41	450	208	0	208
1972 .....	208	422	17	646	238	146	384	70	454	191	1	192
1973 .....	192	417	9	618	232	147	379	93	472	146	0	146
1974 .....	146	299	20	465	180	151	331	42	373	92	0	92
1975 .....	92	374	16	482	182	148	330	24	354	128	0	128
1976 .....	128	372	11	511	161	158	319	66	385	126	0	126
1977 .....	126	420	9	555	168	158	326	57	383	172	0	172
1978 <sup>3</sup> .....	172	449	10	631	206	170	376	26	402	227	2	229
1979 <sup>3</sup> .....	229	378	11	618	202	170	372	55	427	188	3	191

<sup>1</sup> Includes Government loans (original and resale).<sup>2</sup> Uncommitted Government only.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 59.—Barley: Area, yield, and production, by States, 1977-79

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush- els	Bush- els	Bush- els	1,000 bushels	1,000 bushels	1,000 bushels
Ariz .....	62	42	50	55	35	43	76.0	77.0	75.0	4,180	2,485	3,225
Calif .....	1,150	1,100	900	950	950	790	56.0	48.0	60.0	53,200	45,600	47,400
Colo .....	280	280	310	230	240	290	59.0	64.0	69.0	13,570	15,360	20,010
Del .....	34	33	33	22	24	25	44.0	44.0	45.0	968	1,056	1,125
Ga. <sup>3</sup> .....	9	.....	.....	7	.....	.....	37.0	.....	.....	259	.....	.....
Idaho .....	1,000	950	880	940	930	850	47.0	60.0	58.0	44,180	55,800	49,300
Ill .....	10	10	8	9	7	7	42.0	36.0	47.0	378	252	329
Ind. <sup>3</sup> .....	9	.....	.....	8	.....	.....	40.0	.....	.....	320	.....	.....
Kans .....	90	72	75	78	60	60	36.0	44.0	45.0	2,808	2,640	2,700
Ky .....	39	37	32	25	23	25	46.0	43.0	50.0	1,150	989	1,250
Md .....	100	105	103	70	85	88	49.0	46.0	49.0	3,430	3,910	4,312
Mich .....	21	20	18	19	19	17	52.0	47.0	47.0	988	893	799
Minn .....	1,100	1,070	780	1,080	1,050	770	51.0	49.5	53.0	55,080	51,975	40,810
Mo. <sup>3</sup> .....	10	.....	.....	8	.....	.....	37.0	.....	.....	296	.....	.....
Mont .....	1,550	1,500	1,100	1,430	1,375	1,040	36.5	43.0	39.0	52,195	59,125	40,560
Nebr .....	47	33	30	43	29	28	45.0	38.0	43.0	1,935	1,102	1,204
Nev .....	21	22	24	19	20	22	65.0	60.0	60.0	1,235	1,200	1,320
N.J .....	40	39	38	17	20	18	48.0	46.0	51.0	816	920	918
N.Mex .....	35	33	36	26	25	27	51.0	57.0	58.0	1,326	1,425	1,566
N.Y .....	11	11	12	10	10	9	44.0	42.0	48.0	440	420	528
N.C .....	67	70	70	55	59	61	40.0	51.0	51.0	2,200	3,009	3,111
N.Dak .....	2,690	2,500	1,700	2,530	2,450	1,650	39.0	46.0	46.0	98,670	112,700	75,900
Ohio .....	13	11	9	11	10	9	51.0	48.0	52.0	561	480	468
Okl .....	140	100	80	120	80	55	35.0	34.0	46.0	4,200	2,720	2,530
Oreg .....	210	200	180	190	185	160	47.0	50.0	50.0	8,930	9,250	8,000
Pa .....	135	135	125	125	125	115	50.0	47.0	47.0	6,250	5,875	5,405
S.C .....	24	27	26	21	24	23	40.0	47.0	48.0	840	1,128	1,104
S.Dak .....	680	600	540	640	565	500	42.0	37.0	40.0	26,880	20,905	20,000
Tenn .....	24	22	22	13	13	13	39.0	34.0	46.0	507	442	598
Tex .....	150	110	100	85	40	50	40.0	27.0	46.0	3,400	1,080	2,300
Utah .....	144	152	142	115	135	131	54.0	56.0	69.0	6,210	7,560	9,039
Va .....	115	123	117	92	101	100	44.0	50.0	52.0	4,048	5,050	5,200
Wash .....	420	400	330	350	380	315	27.0	61.0	54.0	9,450	23,180	17,010
W.Va .....	10	11	11	9	10	10	42.0	44.0	41.0	378	440	410
Wis .....	31	28	25	29	27	24	54.0	49.0	49.0	1,566	1,323	1,176
Wyo .....	150	150	154	133	141	141	55.0	63.0	60.0	7,315	8,983	8,460
U.S .....	10,621	9,996	8,060	9,564	9,247	7,468	43.9	48.6	50.6	420,159	449,177	378,067

<sup>1</sup>Relates to the total area of barley sown for all purposes, including barley sown in the preceding fall.<sup>2</sup>Preliminary.<sup>3</sup>Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 61

<sup>1</sup>Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31<sup>2</sup>Includes price-support payments of 12 cents in 1965, 1969, and 1970, and a guarantee of 32 cents in 1972 and 26 cents in 1973. Barley was excluded from program in 1967, 1968, and 1971. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is 90 cents; for 1976, \$1.22; for 1977-79, \$1.63; for 1979-80, \$1.71 on entire production. For 1974-77, the target level is a price guarantee on allotment production at levels indicated under support price. For 1978 and subsequent crops, income support on entire planted acreage in program.<sup>3</sup>Percentage of parity price as of the beginning of the marketing year.<sup>4</sup>Represents loans made, purchases, and purchase agreements entered into.<sup>5</sup>Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.<sup>6</sup>Uncommitted CCC inventory.<sup>7</sup>Preliminary.<sup>8</sup>Producers who exceed their NCA will be eligible for the lower target price.

Agricultural Stabilization and Conservation Service.



Table 60.—Barley: Production, disposition, and value, by States, crop of 1979 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Ariz .....	3,225	548	2,677	2.60	8,385	6,960
Calif .....	47,400	5,214	42,186	2.70	127,980	113,902
Colo .....	20,010	3,602	16,408	2.40	48,024	39,379
Del .....	1,125	416	709	1.65	1,856	1,170
Idaho .....	49,300	17,748	31,552	2.45	120,785	77,302
Ill .....	329	188	141	2.10	691	296
Kans .....	2,700	1,296	1,404	2.15	5,805	3,019
Ky .....	1,250	575	675	1.90	2,375	1,283
Md .....	4,312	2,372	1,940	1.65	7,115	3,201
Mich .....	799	376	423	2.65	2,117	1,121
Minn .....	40,810	6,121	34,689	2.15	87,742	74,581
Mont .....	40,560	10,546	30,014	2.15	87,204	64,530
Nebr .....	1,204	710	494	1.65	1,987	815
Nev .....	1,320	647	673	2.70	3,564	1,817
N.J .....	918	275	643	1.75	1,607	1,125
N.Mex .....	1,566	611	955	2.40	3,758	2,292
N.Y .....	528	285	243	1.85	977	450
N.C .....	3,111	1,929	1,182	1.70	5,289	2,009
N.Dak .....	75,900	18,216	57,684	2.10	159,390	121,136
Ohio .....	468	388	80	1.95	913	156
Okla .....	2,530	1,771	759	2.30	5,819	1,746
Oreg .....	8,000	1,440	6,560	2.45	19,600	16,072
Pa .....	5,405	3,459	1,946	2.15	11,621	4,184
S.C .....	1,104	607	497	1.80	1,987	895
S.Dak .....	20,000	9,000	11,000	2.15	43,000	23,650
Tenn .....	598	472	126	2.30	1,375	290
Tex .....	2,300	759	1,541	2.15	4,945	3,813
Utah .....	9,039	5,695	3,344	2.40	21,694	8,026
Va .....	5,200	3,276	1,924	1.80	9,360	3,463
Wash .....	17,010	2,041	14,969	2.55	43,376	38,171
W.Va .....	410	361	49	2.30	943	113
Wis .....	1,176	576	600	2.05	2,411	1,230
Wyo .....	8,460	3,807	4,653	2.60	21,996	12,098
U.S .....	378,067	105,327	272,740	2.31	865,691	629,795

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 61.—Barley: Price-support operations, United States, 1965–80

Year beginning July <sup>1</sup>	Support price		Put under support <sup>4</sup>		Acquired by CCC under support program <sup>5</sup>	Owned by CCC June 30
	Per bushel <sup>2</sup>	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1965 .....	0.96	77	16.5	4.2	1.8	10.8
1966 .....	1.00	78	16.5	4.2	2.5	5.9
1967 .....	.90	68	48.2	12.9	17.0	5.9
1968 .....	.90	67	123.8	29.3	70.0	<sup>a</sup> 18.5
1969 .....	1.03	73	52.5	12.4	5.6	<sup>a</sup> 18.1
1970 .....	1.03	71	27.6	6.7	.9	<sup>a</sup> 28.9
1971 .....	.81	53	88.9	19.2	.7	<sup>a</sup> 1.4
1972 .....	1.15	73	41.7	9.9	.....	<sup>a</sup> 6
1973 .....	1.27	70	15.3	3.6	.....	<sup>a</sup> 4
1974 .....	1.13	54	6.9	2.3	.....	.....
1975 .....	1.13	45	9.2	2.5	.....	.....
1976 .....	1.28	46	19.2	5.2	.....	.....
1977 .....	2.15	71	86.7	20.6	.....	.....
1978 .....	2.25	69	67.6	15.1	2.3	2.3
1979 .....	2.40	61	730.0	77.9	7.8	7.3
1980 .....	2.55– <sup>a</sup> 2.29	.....	.....	.....	.....	.....

See footnotes on page 45.



Table 62.—Barley and malt: United States exports, by country of destination 1977 and 1978<sup>1</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1977	1978		1977	1978
Barley:	<i>Metric tons</i>	<i>Metric tons</i>	Malt:	<i>Metric tons</i>	<i>Metric tons</i>
Mexico .....	37,934	68,068	Canada .....	586	233
Belgium and Luxembourg .....			Mexico .....	2	31
Germany, Fed. Rep. of .....	39,154	4,785	Costa Rica .....		9
Italy .....	10,395		Dominican Republic .....	7,875	5,532
Netherlands .....			Jamaica .....	74	24
Poland .....	145,498	52,726	Guyana .....	2,514	2,008
United Kingdom .....			Peru .....	35	3
Other Europe .....	63,841	87,155	Venezuela .....	8,786	8,241
Israel .....			Other Americas .....	436	671
Japan .....	71,433	341	Japan .....	11,407	4,294
Korea, Rep. of .....	126,345		Other countries .....	2,218	367
Other countries .....	366,341	131,059			
World total <sup>2</sup> .....	860,941	344,134	World total .....	33,933	21,413

<sup>1</sup>Year beginning Oct. 1.<sup>2</sup>Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 63.—Barley: Area, yield per hectare, and production in specified countries, 1977-79<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>
North America:	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Canada .....	4,751	4,263	3,723	2.48	2.44	2.27	11,799	10,387	8,460
Mexico .....	295	300	340	1.39	1.55	1.54	410	465	525
United States .....	3,870	3,736	2,995	2.36	2.60	2.65	9,144	9,732	7,925
Total .....	8,916	8,299	7,058	2.39	2.48	2.40	21,353	20,584	16,910
South America:									
Argentina .....	310	355	400	1.14	1.56	1.30	353	554	520
Bolivia .....	112	115	115	.54	.65	.72	60	75	83
Brazil .....	100	90	100	1.03	1.33	1.10	103	120	110
Chile .....	64	60	60	1.95	1.87	1.87	125	112	112
Colombia .....	49	73	79	1.76	1.77	1.43	86	129	113
Ecuador .....	50	30	44	.80	1.00	.80	40	30	35
Peru .....	180	185	185	.94	.95	.95	170	175	175
Uruguay .....	43	53	52	.88	1.08	1.06	38	57	55
Total .....	908	961	1,035	1.07	1.30	1.16	975	1,252	1,203
Europe:									
Belgium-Luxembourg .....	170	174	178	4.31	4.83	4.75	733	841	846
Denmark .....	1,527	1,570	1,595	3.98	4.01	4.36	6,084	6,295	6,950
France .....	2,909	2,828	2,815	3.54	4.04	3.87	10,290	11,414	10,900
Germany, Fed. Rep. of .....	1,811	1,951	2,048	4.19	4.41	4.10	7,583	8,608	8,397
Ireland .....	289	307	323	4.91	4.89	4.68	1,420	1,500	1,512
Italy .....	290	294	300	2.33	2.79	2.70	677	819	810
Netherlands .....	66	71	63	4.35	5.00	4.68	287	355	295
United Kingdom .....	2,400	2,360	2,300	4.38	4.17	4.09	10,520	9,850	9,400
Total EC .....	9,462	9,555	9,622	3.97	4.15	4.06	37,594	39,682	39,110
Austria .....	329	356	373	3.68	4.00	3.05	1,212	1,424	1,138
Finland .....	577	609	633	2.51	2.57	2.53	1,447	1,565	1,600
Greece .....	387	366	378	1.81	2.61	2.33	702	955	869
Malta .....	2	2	2	1.50	1.50	1.50	3	3	3
Norway .....	179	185	191	3.40	3.62	3.39	609	669	647
Portugal .....	65	72	74	.52	.54	.39	34	39	29
Spain .....	3,149	3,387	3,408	2.13	2.35	1.88	6,693	7,953	6,398
Sweden .....	598	674	687	3.29	3.61	3.43	1,966	2,434	2,353
Switzerland .....	45	46	47	4.00	4.63	4.68	180	213	220
Total Western Europe .....	14,793	15,252	15,410	3.41	3.60	3.40	50,440	54,937	52,367

See footnotes at end of table.

Table 63.—Barley: Area, yield per hectare, and production in specified countries, 1977-79<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe—Continued									
Albania .....	10	10	10	1.00	1.00	1.00	10	10	10
Bulgaria .....	530	650	530	2.78	2.30	3.21	1,476	1,498	1,700
Czechoslovakia .....	351	919	980	3.77	3.96	3.47	3,207	3,638	3,400
German Dem. Rep. ....	997	1,035	996	3.69	4.00	3.82	3,681	4,135	3,800
Hungary .....	224	225	263	3.16	3.38	3.04	708	760	800
Poland .....	1,235	1,203	1,470	2.76	3.02	2.45	3,404	3,633	3,600
Romania .....	595	722	800	3.12	3.20	2.50	1,857	2,307	2,000
Yugoslavia .....	306	273	300	2.12	2.05	1.83	650	560	550
Total Eastern Europe .....	4,748	5,087	5,349	3.16	3.23	2.97	14,993	16,541	15,860
Total Europe .....	19,541	20,289	20,759	3.35	3.52	3.29	65,433	71,478	68,227
Soviet Union (Europe and Asia) ..	34,514	32,690	37,800	1.53	1.90	1.30	52,687	62,077	49,000
Africa:									
Algeria .....	800	800	825	.63	.81	.76	500	650	625
Egypt .....	40	48	48	2.78	2.75	3.02	111	132	145
Ethiopia .....	1,775	800	1,000	.85	.69	.80	1,500	550	800
Kenya .....	32	35	35	1.88	1.86	1.86	60	65	65
Libya .....	160	160	160	.63	.56	.50	100	90	80
Morocco .....	2,816	2,389	2,350	.58	.97	.80	1,345	2,326	1,886
South Africa .....	114	98	107	.78	1.38	1.24	89	135	133
Tunisia .....	300	475	490	.33	.38	.41	100	180	200
Total .....	5,537	4,805	5,015	.68	.86	.78	3,805	4,128	3,934
Asia:									
Afghanistan .....	350	350	350	1.07	1.07	1.07	375	375	375
Bangladesh .....	26	29	30	.62	.55	.57	16	16	17
China, Mainland .....	5,898	6,100	6,300	1.16	1.39	1.43	6,860	8,500	9,000
Cyprus .....	75	75	75	.63	.63	.80	47	47	60
India .....	2,241	2,001	1,836	1.05	1.15	1.16	2,344	2,311	2,121
Iran .....	1,400	1,300	1,250	.79	.77	.80	1,100	1,000	1,000
Iraq .....	529	714	800	.86	.86	.78	457	617	620
Israel .....	27	20	15	.74	.60	.53	20	12	8
Japan .....	78	96	117	2.64	3.40	3.47	206	326	406
Jordan .....	45	29	20	.27	.52	.25	12	15	5
Korea, Rep. of .....	516	554	473	1.58	2.43	3.19	814	1,348	1,508
Lebanon .....	9	9	9	.89	.89	.56	8	8	5
Nepal .....	27	27	25	.96	.96	.88	26	26	22
Pakistan .....	174	167	180	.71	.72	.72	124	121	130
Saudi Arabia .....	11	11	11	2.27	2.27	2.27	25	25	25
Syria .....	600	960	1,010	.56	.76	.40	337	730	400
Turkey .....	2,620	2,600	2,500	1.81	1.83	1.80	4,750	4,750	4,500
Yemen, Arab Rep. (Sana) .....	70	70	70	1.71	1.71	1.71	120	120	120
Total .....	14,696	15,112	15,071	1.20	1.35	1.35	17,641	20,347	20,322
Oceania:									
Australia .....	2,804	2,780	2,600	.85	1.47	1.37	2,386	4,075	3,560
New Zealand .....	70	90	80	3.80	3.64	3.75	266	328	300
Total .....	2,874	2,870	2,680	.92	1.53	1.44	2,652	4,403	3,860
World total .....	86,986	85,026	89,418	1.89	2.17	1.83	164,546	184,269	163,456

<sup>1</sup> Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1979 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1979 and end early in 1980.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 64.—Grains and grain products: Total and per capita civilian consumption as food, United States 1965-79

Year	Wheat		Rye		Rice (milled) <sup>3</sup>		Corn					Oats		Barley			
	Total consumed <sup>1</sup>	Per capita consumption of food products	Total consumed <sup>1</sup>	Per capita consumption of rye flour	Total consumed <sup>1</sup>	Per capita consumption	Per capita consumption of food products					Total consumed <sup>5</sup>	Per capita consumption of oat food products	Total consumed <sup>6</sup>	Per capita consumption of food products <sup>7</sup>		
							Flour <sup>2</sup>	Cereal	Meal	Cereal	Syrup					Sugar	Starch
Million bushels	Pounds	Million bushels	Pounds	Million cwt.	Pounds	Million bushels	Pounds	Pounds	Pounds	Pounds	Pounds	Million bushels	Pounds	Million bushels	Pounds		
1965	502	113	5.1	1.1	14.5	7.6	194	6.6	2.2	13.7	4.5	1.8	44	8.4	7	1.2	
1966	499	112	5.3	1.2	14.1	7.3	196	6.9	2.2	14.0	4.6	1.8	44	8.3	7	1.2	
1967	507	112	5.4	1.2	14.6	7.5	202	7.2	2.3	14.1	4.6	1.8	43	8.2	8	1.2	
1968	510	112	5.8	1.3	15.4	7.9	210	7.4	2.3	14.8	4.7	1.9	44	8.2	8	1.2	
1969	513	112	5.4	1.2	16.4	8.3	215	7.4	2.3	15.4	4.9	1.9	44	8.2	8	1.2	
1970	510	110	5.5	1.2	13.4	6.7	220	7.4	2.3	15.8	5.0	1.9	44	8.2	8	1.2	
1971	513	110	5.3	1.2	15.6	7.7	225	7.4	2.3	16.2	5.0	1.9	44	8.2	8	1.2	
1972	517	109	4.9	1.1	14.5	7.0	240	7.4	2.3	18.7	4.8	1.9	45	8.2	8	1.2	
1973	536	112	5.9	1.3	14.5	7.0	261	7.5	2.3	21.7	5.2	1.9	45	8.2	8	1.2	
1974	536	110	5.9	1.3	15.9	7.6	280	7.6	2.3	25.0	5.3	1.9	46	8.2	8	1.2	
1975	561	113	4.7	1.0	16.1	7.7	305	7.7	2.3	28.5	5.5	1.9	46	8.2	8	1.2	
1976	588	118	2.9	.9	15.3	7.2	330	7.7	2.3	32.0	5.5	1.9	46	8.2	8	1.2	
1977	575	114	2.9	.8	16.2	7.6	345	7.7	2.3	34.0	5.5	1.9	46	8.2	8	1.2	
1978 <sup>a</sup>	578	114	2.9	.8	12.5	5.8	365	7.7	2.3	34.7	5.5	1.9	46	8.2	8	1.2	
1979 <sup>a</sup>	596	116	3.7	.7	19.9	9.2	389	7.7	2.3	34.7	5.5	1.9	46	8.2	8	1.2	

<sup>1</sup> Excludes quantities used in alcoholic beverages.<sup>2</sup> Includes white, whole wheat, and semolina flour.<sup>3</sup> Rice consumption for year beginning August previous to the year stated.<sup>4</sup> Includes an allowance for the quantity used as hominy and grits.<sup>5</sup> Oats used in oatmeal, prepared breakfast foods, infant foods, and minor food products.<sup>6</sup> Malt for food, breakfast food uses, pearl barley, and flour.<sup>7</sup> Malt equivalent of barley food products.<sup>a</sup> Preliminary. Estimates of corn sirup, sugar, and starch are unofficial estimates; industry data were not reported after April 1968.

Economics, Statistics, and Cooperatives Service—Economics. All figures are estimates based on data from private industry sources, the U.S. Department of Commerce, the Internal Revenue Service, and other Government agencies.

Table 65.—Sorghum: Area, yield, production, disposition, and value, United States, 1965-1979

Year	Area planted for all purposes <sup>1</sup>	Sorghum for grain <sup>2</sup>					Sorghum for silage					
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel	Value of production	Area harvested	Yield per harvested acre	Production	Forage area harvested
	1,000 acres	1,000 acres	Bushels	1,000 Bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons <sup>4</sup>	1,000 tons <sup>4</sup>	1,000 acres
1965	17,079	13,029	51.6	672,698	146,371	524,327	0.984	659,146	1,195	10.3	12,324	2,376
1966	16,372	12,813	55.8	714,992	133,440	581,552	1.02	729,594	1,089	10.9	11,851	2,064
1967	18,945	14,988	50.4	755,344	152,113	603,231	.992	744,162	1,036	9.9	10,236	2,327
1968	17,793	13,890	52.6	731,277	139,581	591,696	.949	690,608	908	10.7	9,749	2,504
1969	17,231	13,437	54.3	729,919	157,152	572,767	1.07	771,510	798	11.7	9,360	2,600
1970	16,957	13,568	50.4	683,179	139,146	544,033	1.14	779,690	741	9.7	7,204	2,167
1971	20,547	16,142	53.8	867,997	244,515	623,482	1.04	895,823	1,011	10.9	10,998	2,675
1972	17,035	13,212	60.7	801,350	165,106	636,244	1.37	1,096,062	836	11.8	9,946	2,427
1973	18,994	15,700	58.8	923,224	180,841	742,383	2.14	1,978,288	836	11.4	9,520	2,093
1974	17,588	13,809	45.1	622,711	162,819	459,892	2.77	1,721,927	745	9.8	7,279	2,140
1975	18,104	15,355	49.0	753,046	176,840	576,206	2.37	1,775,023	752	9.9	7,426	1,568
1976	18,402	14,723	48.9	719,817	206,487	513,330	2.03	1,450,085	772	9.3	7,168	1,883
1977	16,993	14,092	56.3	792,983	250,345	542,638	1.82	1,433,991	842	10.9	9,168	1,633
1978	16,468	13,561	55.1	747,790	241,297	506,493	2.02	1,501,797	715	10.9	7,768	1,577
1979 <sup>3</sup>	15,399	12,949	62.9	814,308	247,704	566,604	2.33	1,884,604	767	11.7	9,011	1,266

<sup>1</sup> Grain and sweet sorghum for all uses, including sirup.<sup>2</sup> Includes both grain sorghum for grain, and sweet sorghum for grain or seed.<sup>3</sup> Based on the reported price of grain sorghum. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.<sup>4</sup> Green weight.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 66.—Sorghum grain: Stocks on and off farms, United States, 1965–80

Year	On farms				Off farms <sup>3</sup>			
	Jan 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1 <sup>2</sup>	Jan 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1 <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1965 .....	154,259	98,010	61,565	47,442	797,589	669,893	595,677	518,093
1966 .....	212,919	133,589	71,353	50,614	765,142	590,556	461,521	340,587
1967 .....	234,170	133,178	81,981	44,414	586,872	393,312	253,553	199,486
1968 .....	212,743	141,921	90,536	58,063	519,341	374,907	277,408	230,948
1969 .....	217,904	127,380	81,996	51,913	523,364	413,366	302,491	235,040
1970 .....	184,644	117,505	67,649	38,726	503,506	385,895	278,918	205,235
1971 .....	151,511	87,822	35,555	13,332	459,066	268,081	141,300	77,140
1972 .....	243,431	142,402	66,585	30,514	463,528	336,362	208,488	111,231
1973 .....	217,572	94,724	45,338	13,658	401,830	267,714	153,996	59,003
1974 .....	217,090	113,602	54,576	18,086	426,818	266,742	123,533	43,145
1975 .....	121,041	63,193	29,778	7,849	257,843	145,278	65,307	27,188
1976 .....	163,935	83,728	49,622	13,927	309,600	164,221	104,090	37,486
1977 .....	160,875	88,362	61,327	21,644	331,631	208,250	135,182	69,646
1978 .....	220,851	140,863	109,325	56,366	398,245	273,525	210,749	134,477
1979 .....	239,396	142,512	100,221	40,757	401,484	276,684	222,988	118,683
1980 <sup>4</sup> .....	233,956	141,511	.....	.....	412,290	252,911	.....	.....

<sup>1</sup> Beginning 1976, estimates are for June 1.<sup>2</sup> Old crop only.<sup>3</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 67.—Sorghum: Supply and disappearance, United States, 1965–79

Year beginning October	Supply				Disappearance					Ending stocks Sept. 30		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held <sup>1</sup>	Government <sup>2</sup>	Total
					Feed	Food, alcohol, and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1965 .....	566	673	.....	1,239	569	13	582	266	848	161	230	391
1966 .....	391	715	.....	1,106	601	13	614	248	862	51	193	244
1967 .....	244	755	.....	999	531	13	544	166	710	97	192	289
1968 .....	289	731	.....	1,020	614	13	627	106	733	89	198	287
1969 .....	287	730	.....	1,017	638	9	647	126	773	88	156	244
1970 .....	244	683	.....	927	683	10	693	144	837	27	63	90
1971 .....	90	868	.....	958	684	9	693	123	816	103	39	142
1972 .....	142	801	.....	943	652	6	658	212	870	68	5	73
1973 .....	73	923	.....	996	694	7	701	234	935	61	0	61
1974 .....	61	623	.....	684	431	6	437	212	649	35	0	35
1975 .....	35	753	.....	788	502	6	508	229	737	51	0	51
1976 .....	51	720	.....	771	428	6	434	246	680	91	0	91
1977 .....	91	793	.....	884	473	7	480	213	693	182	9	191
1978 <sup>3</sup> .....	191	748	.....	939	566	7	573	207	780	117	42	159
1979 <sup>3</sup> .....	159	814	.....	973	540	7	547	350	897	.....	.....	76

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Uncommitted Government only.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 68.—Sorghum: Area, yield, and production, by States, 1977-79

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala .....	75	65	58	27	34	28	27.0	37.0	37.0	729	1,258	1,036
Ariz .....	100	80	80	90	73	72	80.0	78.0	71.0	7,200	5,694	5,112
Ark .....	285	230	200	252	200	176	52.0	60.0	62.0	13,104	12,000	10,912
Calif .....	150	210	180	132	185	160	73.0	71.0	75.0	9,636	13,135	12,000
Colo .....	460	475	470	263	280	280	31.0	31.0	38.0	8,153	8,680	10,640
Ga .....	75	85	89	24	43	49	28.0	29.0	39.0	672	1,247	1,911
Ill .....	80	80	90	64	68	75	64.0	68.0	68.0	4,096	4,624	5,100
Ind .....	23	25	26	15	15	15	78.0	65.0	55.0	1,170	975	825
Iowa .....	45	36	30	32	24	19	74.0	75.0	70.0	2,368	1,800	1,330
Kans .....	4,850	4,700	4,550	4,050	4,020	3,720	60.0	52.0	69.0	243,000	209,040	256,680
Ky .....	50	37	46	32	23	34	57.0	62.0	68.0	1,824	1,426	2,312
La .....	35	30	30	20	17	18	33.0	34.0	38.0	660	578	684
Miss .....	60	65	75	24	21	33	32.0	38.0	44.0	768	798	1,452
Mo .....	1,050	930	800	930	850	720	73.0	80.0	82.0	67,890	68,000	59,040
Nebr .....	2,300	2,000	2,000	2,070	1,830	1,830	71.0	75.0	79.0	146,970	137,250	144,570
N.Mex .....	297	336	319	245	267	258	48.0	46.0	52.0	11,760	12,282	13,416
N.C .....	110	125	120	72	86	83	37.0	52.0	53.0	2,664	4,472	4,399
Okl .....	765	700	700	565	485	515	38.0	36.0	45.0	21,470	17,460	23,175
Pa. <sup>2</sup> .....	.....	.....	18	.....	.....	7	.....	.....	75.0	.....	.....	525
S.C .....	29	29	26	12	15	14	16.0	32.0	38.0	192	480	532
S.Dak .....	490	460	425	343	340	302	49.0	50.0	45.0	16,807	17,000	13,590
Tenn .....	40	45	45	20	24	29	51.0	51.0	51.0	1,020	1,224	1,479
Tex .....	5,600	5,700	5,000	4,800	4,650	4,500	48.0	49.0	54.0	230,400	227,550	243,000
Va .....	24	25	22	10	11	12	43.0	47.0	49.0	430	517	588
U.S .....	16,993	16,468	15,399	14,092	13,561	12,949	56.3	55.1	62.9	792,983	747,790	814,308

<sup>1</sup> Preliminary.<sup>2</sup> Estimates begin with 1979 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 69.—Sorghum: Utilization for silage and forage, by States, 1977-79

State	Silage									Forage area harvested <sup>1</sup>		
	Area harvested			Yield per acre			Production					
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres
Ala	15	18	15	10.5	10.0	10.5	158	180	158	18	10	12
Ariz	6	5	4	17.0	17.0	17.0	102	85	68	2	1	2
Ark	17	12	12	10.5	10.5	13.5	179	126	162	11	13	11
Calif	7	12	11	17.5	17.0	19.0	123	204	209	10	8	7
Colo	21	20	20	7.0	11.0	14.0	147	220	280	146	130	135
Ga	18	29	30	7.0	12.5	13.0	126	363	390	11	8	7
Ill	11	7	10	12.5	11.5	11.5	138	81	115	5	5	5
Ind	6	7	8	12.0	13.0	11.5	72	91	92			
Iowa	11	9	9	13.0	14.0	14.0	143	126	126	1	2	1
Kans	300	230	332	12.5	10.0	12.0	3,750	2,300	3,984	430	355	421
Ky	11	8	6	12.5	12.0	11.5	138	96	69	5	4	4
La	9	9	9	11.0	10.0	10.0	99	90	90	5	2	2
Miss	27	35	35	12.5	13.0	13.5	338	455	473	4	8	6
Mo	44	33	22	11.0	11.5	10.5	484	380	231	56	39	44
Nebr	90	70	70	11.5	13.0	10.5	1,035	910	735	70	50	50
N.Mex	8	4	9	12.0	13.0	13.5	96	52	122	37	47	40
N.C	22	24	25	8.0	13.5	13.0	176	324	325	12	13	10
Okl	34	45	35	11.0	9.0	14.0	374	405	490	121	115	115
Pa. <sup>3</sup>			4			13.0			52			5
S.C	11	11	9	6.5	9.5	11.0	72	105	99	3	2	2
S.Dak	56	55	43	8.0	7.5	7.0	448	413	301	74	55	64
Tenn	8	11	6	10.0	10.5	12.0	80	116	72	10	8	7
Tex	100	50	35	8.0	10.5	8.0	800	525	280	600	700	315
Va	10	11	8	9.0	11.0	11.0	90	121	88	2	2	1
U.S	842	715	767	10.9	10.9	11.7	9,168	7,768	9,011	1,633	1,577	1,266

<sup>1</sup> Includes hogged or grazed and that cut and fed without removing grain.<sup>2</sup> Preliminary.<sup>3</sup> Estimates begin with 1979 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 70.—Sorghum grain: Production, disposition, and value, by States, crop of 1979 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Ala.....	1,036	798	238	2.60	2,694	619
Ariz.....	5,112	511	4,601	3.11	15,898	14,309
Ark.....	10,912	1,964	8,948	2.21	24,116	19,775
Calif.....	12,000	1,200	10,800	2.86	34,320	30,888
Colo.....	10,640	2,341	8,299	2.07	22,025	17,179
Ga.....	1,911	1,414	497	2.41	4,606	1,198
Ill.....	5,100	2,754	2,346	2.07	10,557	4,856
Ind.....	825	396	429	2.16	1,782	927
Iowa.....	1,330	731	599	2.02	2,687	1,210
Kans.....	256,680	89,838	166,842	2.18	559,562	363,716
Ky.....	2,312	1,225	1,087	2.10	4,855	2,283
La.....	684	274	410	2.35	1,607	964
Miss.....	1,452	508	944	2.24	3,252	2,115
Mo.....	59,040	27,158	31,882	2.18	128,707	69,503
Nebr.....	144,570	34,697	109,873	2.16	312,271	237,326
N.Mex.....	13,416	2,415	11,001	2.49	33,406	27,392
N.C.....	4,399	1,892	2,507	2.44	10,734	6,117
Okla.....	23,175	8,111	15,064	2.32	53,766	34,948
Pa.....	525	394	131	2.30	1,208	301
S.C.....	532	426	106	2.24	1,192	237
S.Dak.....	13,590	6,251	7,339	1.74	23,647	12,770
Tenn.....	1,479	1,139	340	2.38	3,520	809
Tex.....	243,000	60,750	182,250	2.58	626,940	470,205
Va.....	588	517	71	2.13	1,252	151
U.S.....	814,308	247,704	566,604	2.33	1,884,604	1,319,798

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 71.—Sorghum grain: Price-support operations, United States, 1965–80

Year beginning October	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Sept. 30
	Per cwt. <sup>1</sup>	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million cwt.	Percent	Million cwt.	Million cwt.
1965.....	2.00	81	59.4	15.8	47.8	184.0
1966.....	2.05	80	15.5	3.9	.2	108.2
1967.....	2.14	83	36.6	8.7	5.6	107.8
1968.....	2.14	80	41.3	9.9	7.8	<sup>5</sup> 110.6
1969.....	2.14	76	23.2	5.5	2.0	<sup>5</sup> 87.6
1970.....	2.14	73	17.1	4.5	3.8	<sup>5</sup> 35.1
1971.....	2.21	71	86.5	17.6	1.0	<sup>5</sup> 21.9
1972.....	2.39	71	16.7	3.6	.....	<sup>5</sup> 2.7
1973.....	2.61	66	13.2	2.5	.....	.....
1974.....	2.34	50	2.2	.6	.....	.....
1975.....	2.34	45	5.4	1.3	.....	.....
1976.....	2.66	48	12.5	3.1	.....	.....
1977.....	4.07	71	121.7	27.5	13.0	13.0
1978.....	4.07	66	51.6	12.3	31.0	44.0
1979.....	4.18	60	<sup>6</sup> 34.0	<sup>6</sup> 7.4	.....	44.0
1980.....	4.46–4.38	.....	.....	.....	.....	.....

<sup>1</sup>Includes price-support payments per hundredweight of 35 cents in 1965, 53 cents from 1966 to 1970, and a guarantee of 52 cents in 1971, 68 cents in 1972, and 54 cents in 1973. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is \$1.88; for 1976, \$2.55; for 1977–78, \$3.39 and, for 1979–80, \$3.57 on entire production. For 1974–1977, the target level is a price guarantee on allotment production at levels indicated under support price. For 1978 and subsequent crops, income support on entire planted acreage in program.

<sup>2</sup>Percentage of parity price as of the beginning of the marketing year.

<sup>3</sup>Represents loans made, purchases, and purchase agreements entered into.

<sup>4</sup>Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.

<sup>5</sup>Uncommitted CCC inventory.

<sup>6</sup>Preliminary.

<sup>7</sup>Producers who exceed their NCA will be eligible for the lower target price.

Agricultural Stabilization and Conservation Service.

**Table 72.—Sorghum grain: United States exports by country of destination, 1977-78<sup>1</sup>**

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1977	1978		1977	1978
Western Hemisphere	<i>Metric tons</i>	<i>Metric tons</i>	Asia	<i>Metric tons</i>	<i>Metric tons</i>
Canada .....	1,628	2,585	India .....	.....	.....
Mexico .....	467,965	1,123,979	Israel .....	633,939	689,409
Other countries .....	391,358	575,383	Japan .....	2,439,817	1,981,095
Total Americas .....	860,951	1,701,947	Other countries .....	137,958	119,367
Europe:			Total Asia and Oceania ....	3,211,714	2,789,871
Belgium and Luxembourg .....	87,052	.....	Africa:		
Germany, Fed. Rep. of .....	246	837	Senegal .....	60,555	1,171
Netherlands .....	6,712	37,751	South Africa .....	45	290
Norway .....	126,705	141,480	Other countries .....	46,510	23,373
Poland .....	383,307	136,417	Total Africa .....	107,110	24,834
Other countries .....	639,114	413,996	World total .....	5,422,911	5,247,133
Total Europe .....	1,243,136	730,481			

<sup>1</sup> Year beginning Oct. 1.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 73.—Feed grains: United States exports under specified Government programs, 1965-78**

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>7</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
1965 .....	1,440	364	160	12	84	8	2,018
1966 .....	2,941	224	278	41	9	5	3,508
1967 .....	1,105	490	51	15	.....	1	1,706
1968 .....	46	676	51	14	.....	1	788
1969 .....	91	978	125	4	.....	.....	1,198
1970 .....	79	784	301	1	.....	.....	1,165
1971 .....	90	1,123	174	.....	.....	.....	1,387
1972 .....	9	1,275	177	1	.....	.....	1,462
1973 .....	.....	379	452	14	.....	115	960
1974 .....	.....	14	142	2	.....	.....	158
1975 .....	.....	.....	56	6	.....	148	210
( <sup>a</sup> ) .....	.....	(35)	(11)	(1)	.....	(610)	(657)
1976 .....	.....	480	46	3	.....	1,306	1,834
1977 .....	.....	424	160	.....	.....	1,440	2,024
1978 .....	.....	554	110	.....	.....	1,370	2,034

<sup>1</sup> Year beginning July 1 for 1965-75 and Oct. 1 starting in 1976.<sup>2</sup> Authorized by Title I, P.L. 480.<sup>3</sup> Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89-808.<sup>4</sup> Authorized by Title II, P.L. 480.<sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967.<sup>6</sup> Authorized by Sec. 303, Title III, P.L. 480, and other legislation.<sup>7</sup> Foreign Assistance Act of 1961, as amended.<sup>8</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

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Table 74.—Commercial feeds: Disappearance for feed, United States, 1965-78

Year beginning October	Oilseed cake and meal						Animal protein			
	Soy- bean	Cotton- seed	Linseed	Peanut	Copra	Total	Tankage and meat meal	Fish meal	Dried milk <sup>1</sup>	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1965 .....	10,274	2,563	284	108	109	13,338	1,960	627	275	2,862
1966 .....	10,820	1,755	248	115	90	13,028	2,068	827	255	3,150
1967 .....	10,753	1,462	183	133	119	12,650	2,059	1,083	250	3,392
1968 .....	11,525	2,086	197	135	111	14,054	2,021	835	235	3,091
1969 .....	13,582	1,794	182	122	83	15,763	2,014	567	230	2,811
1970 .....	13,467	1,693	258	173	99	15,690	2,039	609	260	2,908
1971 .....	13,173	1,885	264	174	100	15,596	1,889	752	330	2,971
1972 .....	11,972	2,225	212	180	100	14,698	1,739	462	330	2,531
1973 .....	13,766	2,078	184	130	.....	16,158	1,854	350	315	2,519
1974 .....	12,501	1,807	95	151	.....	14,554	1,981	444	150	2,575
1975 .....	15,552	1,238	84	313	.....	17,187	2,001	508	147	2,656
1976 .....	14,001	1,519	127	203	.....	15,850	2,200	414	138	2,752
1977 .....	16,277	2,026	83	89	.....	18,475	2,320	418	161	2,899
1978 <sup>2</sup> .....	17,623	1,779	95	77	.....	19,574	2,324	493	155	2,972

  

Year beginning October	Milled products <sup>3</sup>								Total commer- cial feeds
	Wheat mill- feeds	Gluten feed and meal <sup>4</sup>	Rice mill- feeds	Brewers' dried grains	Distillers' dried grains	Dried and molasses beet pulp <sup>5</sup>	Alfalfa meal	Total	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1965 .....	4,612	1,135	395	304	426	1,153	1,652	9,677	25,877
1966 .....	4,499	1,193	451	324	425	1,129	1,599	9,620	25,798
1967 .....	4,490	1,053	476	336	447	1,130	1,550	9,482	25,524
1968 .....	4,469	963	494	333	437	1,523	1,662	9,881	27,026
1969 .....	4,633	1,000	490	361	428	1,675	1,545	10,132	28,706
1970 .....	4,499	1,236	436	361	382	1,509	1,584	10,007	28,605
1971 .....	4,364	1,067	479	369	404	1,570	1,568	9,821	28,388
1972 .....	4,397	1,262	446	361	428	1,566	1,799	10,237	27,457
1973 .....	4,465	1,361	471	348	456	1,375	1,555	10,009	28,686
1974 .....	4,693	1,502	576	346	339	1,325	1,557	10,311	27,440
1975 .....	4,933	1,477	547	321	400	1,860	1,569	11,103	30,946
1976 .....	4,797	1,038	602	297	374	1,760	1,202	10,070	28,672
1977 .....	4,970	1,223	552	282	403	1,500	1,497	10,427	31,801
1978 <sup>2</sup> .....	4,941	1,038	628	309	495	1,501	1,371	10,283	32,829

<sup>1</sup>Includes dried skim milk, buttermilk, and whey for feed, but does not include any milk products fed on farms. Beginning 1974, not comparable with earlier years. Beginning 1975 excludes buttermilk.

<sup>2</sup>Preliminary.

<sup>3</sup>Other mill products that are not listed include screenings, hominy, and oats feeds, etc., for which no statistics are available.

<sup>4</sup>Adjusted for export data.

<sup>5</sup>Does not include wet sugarbeet pulp.

Economics, Statistics, and Cooperatives Service—Economics.



**Table 75.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1965-79**

Year beginning October	Quantity for feeding <sup>1</sup>						High- protein animal units	Quantity per animal unit	High- protein feed prices
	Oilseed meal			Animal protein	Grain protein ( <sup>2</sup> )	Total			
	Soybean meal	Other oilseed meals <sup>2</sup>	Total						
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Million units</i>	<i>Pounds</i>	<i>Index numbers 1967 = 100</i>
1965 .....	110,274	12,415	12,689	3,577	1,238	17,504	100.0	350	105
1966 .....	10,820	1,741	12,561	3,950	1,074	17,585	103.4	340	103
1967 .....	10,753	1,487	12,240	4,290	1,006	17,536	102.9	341	99
1968 .....	11,525	1,995	13,520	3,868	946	18,334	104.1	352	96
1969 .....	13,582	1,729	15,311	3,444	976	19,731	105.2	375	105
1970 .....	13,467	1,760	15,227	3,539	1,095	19,861	107.6	369	105
1971 .....	13,173	1,920	15,093	3,616	1,008	19,717	107.2	368	117
1972 .....	11,972	2,159	14,131	3,059	1,134	18,324	105.5	347	272
1973 .....	13,854	1,945	15,799	3,012	1,202	20,013	104.1	384	197
1974 .....	12,552	1,698	14,250	3,058	1,129	18,437	96.6	381	171
1975 .....	15,613	1,891	17,004	3,185	1,231	21,420	101.3	425	193
1976 .....	14,056	1,517	15,573	3,254	1,102	19,929	103.2	387	252
1977 .....	16,277	1,735	18,012	3,412	1,064	22,488	104.8	429	213
1978 <sup>3</sup> .....	18,660	1,622	20,282	2,800	1,500	24,582	110.6	445	.....
1979 <sup>3</sup> .....	19,882	1,728	21,611	3,068	2,239	26,918	114.1	472	.....

<sup>1</sup> In terms of 44 percent protein soybean meal equivalent.<sup>2</sup> Includes cottonseed, linseed, and peanut meal.<sup>3</sup> Beginning 1966, adjusted for exports of corn gluten feed and meal.<sup>4</sup> Beginning 1965, includes 30,000 tons previously excluded for industrial uses and for fertilizer.<sup>5</sup> Preliminary.

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**Table 76.—Feed concentrates fed to livestock and poultry, 1965-79**

Year beginning October	Feed grains				Wheat	Rye	By- product feeds <sup>1</sup>	Total concentrates	Grain- con- suming animal units	Concen- trates fed per grain- consuming animal unit
	Corn	Sorghum	Oats and barley	Total						
	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Millions	Tons
1965 .....	94.1	15.9	16.8	126.8	3.3	0.3	31.1	161.5	74.4	2.17
1966 .....	93.2	16.8	17.0	127.0	3.6	.3	31.2	162.1	77.2	2.10
1967 .....	98.2	14.9	15.8	128.9	4.3	.3	31.1	164.6	77.1	2.13
1968 .....	100.2	17.2	18.1	135.5	5.2	.3	32.9	173.9	78.4	2.22
1969 .....	106.3	17.9	18.2	142.4	6.7	.3	34.7	184.1	78.5	2.35
1970 .....	100.3	19.1	18.9	138.3	7.2	.4	34.5	180.1	80.0	2.25
1971 .....	111.4	19.4	18.3	149.1	8.5	.5	34.0	192.1	80.2	2.40
1972 .....	120.7	18.5	16.1	155.3	5.0	.5	33.3	194.1	79.4	2.44
1973 .....	117.7	19.4	15.1	152.2	1.7	.3	34.4	188.6	78.5	2.40
1974 .....	90.3	12.1	13.6	116.0	1.9	.2	32.5	150.6	69.8	1.96
1975 .....	100.6	14.1	12.8	127.5	1.6	.2	36.7	166.0	74.6	2.02
1976 .....	100.4	12.0	11.5	123.9	7.5	.1	34.3	165.8	75.9	1.98
1977 .....	103.8	13.2	12.6	129.6	5.5	.2	37.4	172.7	77.9	2.01
1978 <sup>2</sup> .....	117.6	15.2	13.4	146.2	5.1	.2	40.0	191.5	80.9	2.37
1979 <sup>2</sup> .....	121.8	15.7	13.3	150.8	1.8	.5	42.9	196.0	82.0	2.39

<sup>1</sup> Oilseed meals, animal protein feeds, and mill byproducts.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.



Table 77.—Feed consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1965-78

Year beginning October	Dairy cattle			Beef cattle				Sheep and lambs	
	Milk cows		Other dairy cattle per head	Cattle on feed per head Jan. 1 <sup>1</sup>	Other beef cattle per head	All beef cattle per head	Cattle and calves per 100 pounds produced <sup>2</sup>	Per head	Per 100 pounds produced <sup>3</sup>
	Per head	Per 100 pounds milk pro- duced							
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965 .....	9,270	122	4,433	7,049	3,533	3,975	1,074	947	1,887
1966 .....	9,434	120	4,643	7,149	3,542	4,004	1,064	947	1,925
1967 .....	9,876	121	4,558	7,653	3,611	4,143	1,087	974	1,958
1968 .....	10,092	120	4,602	8,068	3,591	4,227	1,107	974	1,906
1969 .....	10,524	109	4,742	8,611	3,566	4,261	1,107	915	1,713
1970 .....	10,600	107	4,657	9,155	3,494	4,230	1,107	943	1,731
1971 .....	11,370	112	5,859	9,198	3,637	4,391	1,147	1,008	1,848
1972 .....	11,250	112	4,907	8,811	3,718	4,398	1,175	1,031	1,993
1973 .....	11,570	113	5,774	7,708	5,303	5,595	1,539	2,021	1,744
1974 .....	11,543	112	5,571	5,584	5,178	5,480	1,468	1,856	2,332
1975 .....	11,540	109	6,303	7,593	5,247	6,031	2,133	1,260	2,386
1976 .....	11,809	108	6,405	6,516	5,344	5,871	1,899	1,840	2,114
1977 .....	12,129	110	6,864	6,524	5,251	5,421	1,374	1,442	2,552
1978 <sup>4</sup> .....	11,571	104	6,568	7,614	4,961	5,360	1,421	1,375	2,487

Year beginning October	Poultry								Hogs per 100 pounds pro- duced	Horses and mules 2 years and over per head
	Hens and pullets		Chickens raised		Broilers produced		Turkeys raised			
	Per head Jan. 1	Per 100 eggs	Per head	Per 100 pounds live weight	Per head	Per 100 pounds pro- duced	Per head	Per 100 pounds pro- duced		
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965 .....	93	52	31	627	10.6	302	103	564	603	5,037
1966 .....	93	55	30	619	10.8	305	100	539	602	5,040
1967 .....	94	55	30	637	10.4	292	99	522	593	5,115
1968 .....	96	56	31	630	9.8	273	99	523	596	4,904
1969 .....	97	57	31	646	9.2	254	98	519	587	4,880
1970 .....	96	57	31	646	9.4	257	96	510	572	4,880
1971 .....	99	57	32	675	9.3	248	96	510	594	4,880
1972 .....	99	57	32	672	9.1	245	95	511	640	4,867
1973 .....	100	59	32	663	9.7	257	94	509	660	3,607
1974 .....	100	57	26	540	10.1	268	82	453	530	3,592
1975 .....	101	56	26	540	7.7	228	71	435	566	3,547
1976 .....	105	58	25	542	8.7	236	70	371	584	3,678
1977 .....	103	56	24	560	8.6	225	79	425	633	3,680
1978 <sup>4</sup> .....	98	55	24	550	9.4	231	84	382	685	3,561

<sup>1</sup> Feed consumed by all cattle divided by the number on feed Jan. 1.<sup>2</sup> Feed for all cattle, except milk cows, divided by the net live-weight production of cattle and calves. It includes the growth on dairy heifers and calves as well as all beef cattle.<sup>3</sup> About 19 pounds of wool were produced with each 100 pounds live-weight production.<sup>4</sup> Preliminary estimates.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 78.—Feed consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1965–79**

Year beginning October	Concentrates	Harvested roughage	Pasture	Total	Year beginning October	Concentrates	Harvested roughage	Pasture	Total
	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>		<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>
1965 .....	160	76	249	485	1973 .....	192	77	244	513
1966 .....	151	76	248	475	1974 .....	151	85	268	504
1967 .....	161	77	242	480	1975 .....	173	96	243	512
1968 .....	169	78	233	480	1976 .....	179	100	228	507
1969 .....	182	74	227	483	1977 .....	183	89	214	486
1970 .....	178	74	238	490	1978 <sup>1</sup> .....	189	94	201	484
1971 .....	184	74	238	496	1979 <sup>2</sup> .....	202	93	204	499
1972 .....	189	74	241	504					

<sup>1</sup> Preliminary.<sup>2</sup> Estimated.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 79.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1965–79<sup>1</sup>**

Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</sup>	Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</sup>
	<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>		<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>
1965 .....	74,387	88,892	83,352	1973 .....	78,354	99,520	91,429
1966 .....	77,196	88,202	84,022	1974 .....	70,235	103,765	90,865
1967 .....	77,125	88,122	83,941	1975 .....	74,626	99,041	89,690
1968 .....	78,443	87,532	84,071	1976 .....	75,941	95,802	88,185
1969 .....	78,458	87,964	84,347	1977 .....	79,081	91,057	86,513
1970 .....	79,868	89,861	86,073	1978 .....	80,872	86,502	83,881
1971 .....	80,000	91,057	86,842	1979 <sup>5</sup> .....	81,966	87,644	84,990
1972 .....	79,359	93,198	87,926				

<sup>1</sup> Index series based on average feeding rates for years 1969–71. In calculations for the feeding years 1969 to date, cattle numbers used are the new categories shown in the Livestock and Poultry Inventory, published by ESCS, USDA.<sup>2</sup> Livestock and poultry numbers weighted by all concentrates consumed.<sup>3</sup> Livestock and poultry numbers weighted by all roughage (including pasture) consumed.<sup>4</sup> Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 80.—Feed grains: Average price, selected markets and grades, 1965-78

Crop year <sup>1</sup>	Kansas City			Minneapolis			
	Corn, No. 2 Yellow	Corn No. 3 White	Sorghum, No. 2 Yellow	Corn No. 3 Yellow	Barley, No. 3	Barley, No. 2 Malting	Oats, No. 2 White
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1965 .....	1.305	1.37	1.97	1.22	1.316	1.321	0.664
1966 .....	1.365	1.49	2.09	1.29	1.323	1.348	.725
1967 .....	1.215	1.21	1.99	1.08	1.226	1.236	.702
1968 .....	1.239	1.63	2.00	1.14	1.157	1.153	.641
1969 .....	1.333	1.75	2.10	1.16	1.082	1.085	.632
1970 .....	1.451	2.01	2.42	1.34	1.215	1.231	.709
1971 .....	1.237	1.23	2.06	1.13	1.158	1.161	.675
1972 .....	2.062	2.30	3.81	1.86	1.478	1.500	.845
1973 .....	2.915	3.22	4.95	2.75	2.806	2.844	1.389
1974 .....	3.200	4.69	5.41	3.21	3.842	4.063	1.739
1975 .....	2.775	2.92	4.89	2.62	3.167	3.296	1.677
1976 .....	2.387	2.96	3.65	2.13	2.765	2.760	1.729
1977 .....	2.352	3.66	4.07	2.06	2.261	2.261	1.255
1978 .....	2.585	2.70	4.78	2.16	2.419	2.419	1.401

  

Crop year <sup>1</sup>	Omaha: Corn, No. 2 Yellow	Chicago Corn, No. 2 Yellow	Ft. Worth: <sup>2</sup> Sorghum, No. 2 Yellow	Los Angeles			St. Louis: Corn, No. 2 Yellow
				Corn, No. 2 Yellow	Barley, No. 2 Western <sup>3</sup>	Sorghum, No. 2 Yellow	
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>
1965 .....	1.29	1.27	2.27	1.618	1.344	2.45	1.37
1966 .....	1.30	1.36	2.40	1.602	1.339	2.56	1.41
1967 .....	1.14	1.12	2.27	1.501	1.210	2.45	1.16
1968 .....	1.20	1.17	2.31	1.562	1.320	2.53	1.23
1969 .....	1.28	1.25	2.42	1.618	1.282	2.64	1.33
1970 .....	1.44	1.44	2.73	1.792	1.421	2.99	1.45
1971 .....	1.22	1.18	2.51	1.708	1.488	2.82	1.21
1972 .....	1.54	1.82	3.75	2.391	1.762	4.16	1.89
1973 .....	3.22	2.86	5.13	3.430	2.788	5.64	2.87
1974 .....	3.69	3.23	5.62	3.660	3.129	6.12	3.07
1975 .....	2.66	2.69	5.62	3.340	2.845	5.63	2.70
1976 .....	2.15	2.45	3.66	2.860	2.610	4.68	2.25
1977 .....	2.08	2.26	3.88	2.986	2.350	4.82	2.23
1978 .....	2.28	2.54	4.40	3.390	2.530	5.44	2.51

<sup>1</sup> Crop year begins October for corn and sorghum, August for barley, and July for oats.<sup>2</sup> Change to Texas High Plains September 1976.<sup>3</sup> Bulk basis.

Economics, Statistics, and Cooperatives Service—Economics. Prices of corn and oats at Kansas City and Minneapolis were computed by weighting selling prices by reported number of carlots sold. Prices of barley and sorghum at Kansas City and of barley at Chicago and Minneapolis are the average of prices at the close of each day. Prices at Los Angeles are the average of prices on one day each week.

Table 81.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1965-78

Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Copra meal	Peanut meal	Meat meal	Tankage digester	Fish meal	Wheat bran
	44% protein	49-50% protein	41% protein	41% protein	34% protein	20% protein	45% protein	50% protein	60% protein	60% protein	
	Decatur	Decatur	Fort Worth	Mem- phis	Minne- apolis	Los Angeles	S.E. mills	Chicago	Chicago	Los Angeles	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1965 .....	81.50	89.60	73.40	72.40	74.50	84.80	79.50	105.30	111.00	152.20	39.80
1966 .....	78.80	86.30	81.30	77.50	74.40	80.80	82.50	94.00	98.10	129.00	45.70
1967 .....	76.90	84.30	77.50	77.40	76.50	82.80	81.10	88.80	92.50	117.10	39.70
1968 .....	74.10	82.50	67.60	65.20	78.40	76.70	80.00	91.60	94.90	132.20	40.20
1969 .....	78.40	86.60	79.40	71.40	78.30	77.70	80.40	107.00	109.50	175.50	42.50
1970 .....	78.50	84.30	81.60	72.30	62.60	80.00	77.70	95.60	99.60	145.50	45.00
1971 .....	90.20	98.20	83.40	75.60	72.50	80.00	85.50	111.25	112.50	145.20	41.90
1972 .....	229.00	253.40	165.70	161.20	159.20	.....	.....	252.90	269.40	333.50	70.40
1973 .....	146.40	160.60	138.90	130.70	128.00	.....	.....	187.90	202.40	339.10	90.80
1974 .....	130.90	141.25	127.60	119.00	126.70	.....	129.30	149.30	159.90	245.60	86.60
1975 .....	147.80	157.70	152.90	145.00	134.60	.....	150.90	174.10	184.10	247.90	88.60
1976 .....	199.80	218.70	179.50	173.60	156.90	.....	207.40	220.70	230.90	.....	81.80
1977 .....	164.20	179.40	147.20	139.70	137.75	.....	164.40	198.40	208.50	.....	70.00
1978 .....	190.10	206.20	171.60	164.80	152.20	.....	198.50	237.70	247.90	.....	87.70

  

Year beginning October	Wheat mid- dlings	Wheat shorts or mid- dlings	Wheat mill- run	Gluten feed	Hominy feed	Distil- lers' dried grains	Brewers' dried grains	Alfalfa meal		Feeding molasses	Index numbers Jan.- Dec. 1967 = 100 <sup>1</sup>
				21% protein				Dehy- drated, 17% protein	Sun cured		
	Minne- apolis	Kansas City	Port- land	Chicago	Chicago	Cincin- nati	Mil- waukee	Kansas City	Kansas City	New Orleans	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
1965 .....	41.90	42.00	47.70	47.40	44.20	59.90	46.00	49.70	40.00	19.90	103.6
1966 .....	45.30	46.00	46.00	50.10	46.00	64.50	50.70	53.40	43.90	29.29	103.2
1967 .....	39.80	39.70	41.80	44.90	39.00	52.70	45.90	39.10	37.20	25.60	97.3
1968 .....	39.90	40.20	41.60	43.70	41.10	55.30	45.00	42.40	38.30	20.20	95.1
1969 .....	42.30	42.50	42.60	47.80	43.20	57.90	48.90	45.30	40.00	24.80	103.7
1970 .....	43.90	45.00	49.80	49.50	45.70	64.40	51.50	48.10	44.80	25.10	110.9
1971 .....	40.40	41.90	46.90	47.10	39.20	61.30	51.10	48.40	45.10	26.10	112.7
1972 .....	68.50	70.40	75.70	75.20	60.90	102.00	87.25	77.60	63.30	43.30	246.6
1973 .....	88.30	90.80	107.00	90.20	92.50	114.30	99.30	91.40	79.40	68.70	197.7
1974 .....	84.00	85.60	107.30	88.20	90.50	117.00	90.75	81.00	73.70	51.50	174.6
1975 .....	86.20	89.00	103.00	93.80	85.40	112.40	97.60	101.70	91.10	48.60	193.1
1976 .....	82.40	81.80	90.40	107.25	74.30	132.40	112.75	95.40	84.30	44.80	238.1
1977 .....	64.80	70.00	84.80	91.30	70.20	121.20	89.90	76.00	67.50	42.70	201.7
1978 .....	80.20	87.70	97.80	120.80	80.40	127.80	106.20	100.75	86.70	79.10	240.8

<sup>1</sup>Based on prices of the following feedstuffs at leading markets, weighted by average consumption: Soybean, cottonseed, linseed, and peanut meals; bran, middlings, and millrun; gluten feed and meal; hominy feed, brewers' and distillers' dried grains; alfalfa meal; rice bran and feeding molasses.

Agricultural Marketing Service.



## CHAPTER II

# STATISTICS OF COTTON, TOBACCO, SUGAR CROPS, AND HONEY

In addition to tables on cotton, tobacco, and sugar, this chapter includes tables on fibers other than cotton, and sirups, honey, and beeswax. Cottonseed data, however, are in the following chapter on oilseeds, fats, and oils.

**Table 82.—Cotton: Area, yield, production, and value, United States, 1965-79**

Year	Area		Yield per harvested acre	Production	Season av- erage price per pound received by farmers <sup>1</sup>	Value of pro- duction
	Planted	Harvested				
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 bales <sup>2</sup></i>	<i>Cents</i>	<i>1,000 dollars</i>
1965 .....	14,152.3	13,612.7	527	14,937.9	29.37	2,106,088
1966 .....	10,349.4	9,552.6	480	9,556.8	21.75	997,467
1967 .....	9,449.6	7,997.3	447	7,443.4	26.70	953,820
1968 .....	10,912.9	10,159.3	516	10,925.7	23.11	1,212,021
1969 .....	11,882.5	11,051.1	434	9,990.2	22.00	1,054,981
1970 .....	11,945.2	11,155.0	438	10,192.1	21.98	1,121,622
1971 .....	12,354.9	11,470.9	438	10,477.0	28.23	1,419,624
1972 .....	14,001.3	12,983.8	507	13,704.1	27.3	1,798,960
1973 .....	12,479.7	11,970.2	520	12,974.0	44.6	2,779,504
1974 .....	13,679.4	12,546.6	442	11,540.1	42.9	2,374,064
1975 .....	9,492.6	8,796.0	453	8,301.6	51.3	2,043,678
1976 .....	11,655.5	10,913.5	465	10,580.6	64.1	3,254,954
1977 .....	13,694.5	13,275.3	520	14,389.2	52.3	3,614,938
1978 .....	13,360.1	12,370.0	421	10,855.8	58.4	3,044,991
1979 <sup>3</sup> .....	13,947.5	12,815.9	548	14,629.3	<sup>4</sup> 62.6	4,392,626

<sup>1</sup> Net weight price. Includes allowance for unredeemed loans. Does not include Government program payments.

<sup>2</sup> 480-pound net weight bales.

<sup>3</sup> Preliminary.

<sup>4</sup> Average price to Apr. 1, 1980, with no allowance for unredeemed loans.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Production figures conform with The Bureau of the Census annual ginning enumerations.

Table 83.—Cotton: Area, yield, and production, by States, 1977-79

State	Area planted			Area harvested			Yield per harvested acre			Production <sup>2</sup>		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
Upland:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bales	1,000 bales	1,000 bales
Ala .....	420.0	330.0	320.0	395.0	315.0	310.0	337	443	502	277.0	231.0	324.0
Ariz .....	517.0	540.0	580.0	515.0	538.0	575.0	997	953	1,069	1,070.0	1,068.0	1,280.0
Ark .....	950.0	810.0	610.0	930.0	760.0	530.0	534	417	549	1,035.0	660.0	606.0
Calif .....	1,400.0	1,480.0	1,650.0	1,390.0	1,455.0	1,635.0	964	640	1,000	2,790.0	1,940.0	3,408.0
Fla .....	6.2	3.8	3.4	6.1	3.6	3.4	425	506	565	5.4	3.8	4.0
Ga .....	230.0	120.0	155.0	170.0	115.0	150.0	232	463	486	82.0	111.0	152.0
Ky .....	.9	.3	0	.8	0	0	420	0	0	0	0	0
La .....	545.0	515.0	470.0	540.0	510.0	465.0	583	450	712	656.0	478.0	690.0
Miss .....	1,380.0	1,180.0	1,050.0	1,360.0	1,150.0	1,030.0	581	575	670	1,645.0	1,378.0	1,437.0
Mo .....	270.0	210.0	157.0	258.0	182.0	137.0	437	496	550	235.0	188.0	157.0
Nev .....	1.3	1.3	1.1	1.3	1.3	1.1	598	542	655	1.6	1.5	1.5
N. Mex .....	131.0	137.0	154.0	128.0	109.0	126.0	603	443	396	161.0	101.0	104.0
N.C .....	87.0	45.0	46.0	83.0	42.0	45.0	305	515	455	53.0	45.0	43.0
Okla .....	535.0	605.0	600.0	520.0	585.0	580.0	402	292	432	436.0	355.0	522.0
S.C .....	170.0	105.0	110.0	153.0	98.0	109.0	342	562	510	109.0	115.0	116.0
Tenn .....	325.0	250.0	250.0	300.0	230.0	230.0	407	490	357	255.0	235.0	171.0
Tex .....	6,650.0	6,950.0	7,700.0	6,450.0	6,200.0	6,800.0	407	294	389	5,465.0	3,792.0	5,515.0
Va .....	1.0	.2	.3	.7	.1	.3	194	480	320	.3	.1	.2
U.S. ....	13,619.4	13,282.6	13,856.8	13,200.9	12,294.0	12,726.8	519	420	548	14,277.0	10,762.4	14,530.7
American-Pima:												
Ariz .....	42.4	34.3	43.5	42.3	34.2	43.3	738	754	743	65.0	53.7	67.0
Calif .....	.3	.1	.1	.3	.1	.1	269	480	480	.2	.1	.1
N. Mex .....	9.4	14.1	16.0	9.3	13.7	14.8	621	454	246	12.0	13.0	7.5
Tex .....	23.0	29.0	31.1	22.5	28.0	30.9	747	456	373	35.0	26.6	24.0
U.S. ....	75.1	77.5	90.7	74.4	76.0	89.1	724	590	531	112.2	93.4	98.6
U.S., all ..	13,694.5	13,360.1	13,947.5	13,275.3	12,370.0	12,815.9	520	421	548	14,389.2	10,855.8	14,629.3

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent 480-pound net weight bales ginned.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 84.—Cotton, American upland: Estimated percentage of the crop forward contracted by growers, by States 1972-79

State	Crop of—							
	1972	1973	1974	1975	1976	1977	1978	1979
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Ala .....	33	83	11	4	70	9	15	26
Ariz .....	29	75	40	23	77	45	35	30
Ark .....	74	90	30	17	86	18	38	27
Calif .....	25	80	55	34	65	29	62	30
Ga .....	6	64	4	1	33	1	( <sup>1</sup> )	8
La .....	47	84	21	2	72	6	29	23
Miss .....	72	87	37	17	70	30	48	50
Mo .....	63	89	36	12	84	23	46	40
N. Mex .....	2	69	13	( <sup>1</sup> )	68	17	13	10
N.C .....	8	66	8	4	42	16	26	18
Okla .....	7	35	( <sup>1</sup> )	( <sup>1</sup> )	23	18	26	23
S.C .....	30	75	17	16	42	33	31	34
Tenn .....	44	84	17	1	65	2	17	13
Tex .....	13	69	7	1	26	18	9	15
U.S. ....	36	75	21	10	50	20	25	22

<sup>1</sup> Less than 0.5 percent.

Agricultural Marketing Service.

Table 85.—Cotton: Production, season average price per pound, and value, by States, 1977-79

State	Production <sup>1</sup>			Price for crop of			Value of production		
	1977	1978	1979 <sup>2</sup>	1977 <sup>3</sup>	1978 <sup>3</sup>	1979 <sup>4</sup>	1977 <sup>3</sup>	1978 <sup>3</sup>	1979 <sup>2</sup>
Upland:	1,000 bales	1,000 bales	1,000 bales	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Ala .....	277.0	291.0	324.0	48.4	60.3	64.6	64,353	84,227	100,466
Ariz .....	1,070.0	1,068.0	1,280.0	56.1	57.4	67.4	288,130	294,255	414,106
Ark .....	1,035.0	660.0	606.0	52.7	60.1	64.7	261,814	190,397	188,199
Calif .....	2,790.0	1,940.0	3,408.0	56.0	63.9	70.0	749,952	595,037	1,145,088
Fla .....	5.4	3.8	4.0	48.0	60.0	65.0	1,244	1,094	1,248
Ga .....	82.0	111.0	152.0	51.8	60.2	63.7	20,888	32,075	46,476
Ky .....	.7	0	0	49.0	0	0	165	0	0
La .....	656.0	478.0	690.0	51.5	60.0	64.0	162,163	137,664	211,968
Miss .....	1,645.0	1,378.0	1,437.0	52.5	60.0	63.3	414,540	396,864	436,618
Mo .....	235.0	188.0	157.0	53.4	60.6	62.2	60,235	54,685	46,874
Nev .....	1.6	1.5	1.5	57.0	60.0	70.0	438	432	504
N. Mex .....	161.0	101.0	104.0	54.0	62.0	68.0	41,731	30,058	33,946
N.C .....	53.0	45.0	43.0	50.5	65.4	64.7	12,847	14,126	13,354
Okla .....	436.0	355.0	522.0	46.6	53.9	59.5	97,524	91,846	149,083
S.C .....	109.0	115.0	116.0	54.1	62.7	65.5	28,305	34,610	36,470
Tenn .....	255.0	235.0	171.0	49.0	61.2	63.0	59,976	69,034	51,710
Tex .....	5,465.0	3,792.0	5,515.0	49.7	53.7	55.5	1,303,730	977,426	1,469,196
Va .....	.3	.1	.2	43.0	62.0	66.0	62	30	63
U.S .....	14,277.0	10,762.4	14,530.7	52.1	58.1	62.3	3,567,597	3,003,860	4,345,369
American-Pima:									
Ariz .....	65.0	53.7	67.0	88.6	91.0	100.0	27,643	23,456	32,160
Calif .....	.2	.1	.1	88.6	91.0	100.0	85	44	48
N. Mex .....	12.0	13.0	7.5	85.0	90.0	99.0	4,896	5,616	3,564
Tex .....	35.0	26.6	24.0	87.6	94.1	97.7	14,717	12,015	11,485
U.S .....	112.2	93.4	98.6	87.9	91.7	99.8	47,341	41,131	47,257
U.S., all .....	14,389.2	10,855.8	14,629.3	52.3	58.4	62.6	3,614,938	3,044,991	4,392,626

<sup>1</sup> Equivalent 480-pound net weight bales ginned. <sup>2</sup> Preliminary. <sup>3</sup> Includes allowance for unredeemed loans. <sup>4</sup> Average price to Apr. 1, 1980, with no allowance for unredeemed loans.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 86.—Cotton, American upland: Price-support operations, United States, 1965-79

Year beginning August	Support price <sup>1,2</sup>		Put under support <sup>4</sup>		Acquired by CCC under support <sup>5</sup>	Owned by CCC July 31
	Per pound	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Cents	Percent	1,000 bales <sup>6</sup>	Percent	1,000 bales <sup>6</sup>	1,000 bales <sup>6</sup>
1965 .....	32.60	71	6,926	46.7	5,306	9,715
1966 .....	29.63	73	3,094	32.6	1,415	6,677
1967 .....	31.00	74	1,483	20.1	32	552
1968 .....	31.93		4,415	40.7	2,775	24
1969 .....	34.44		3,670	37.2	1,066	1,890
1970 .....	36.95		2,386	23.7	10	262
1971 .....	35.00		1,210	11.9	(?)	1
1972 .....	35.85	65	1,910	14.5	(?)	0
1973 .....	41.52	65	1,736	13.9	(?)	0
1974 .....	<sup>8</sup> 38.00		2,420	21.5	(?)	0
1975 .....	<sup>8</sup> 38.00		691	8.5	(?)	0
1976 .....	<sup>8</sup> 43.20		941	9.2	(?)	0
1977 .....	<sup>8</sup> 47.80		4,518	31.6	(?)	2
1978 .....	<sup>8</sup> 52.00		1,524	14.2	(?)	(?)
1979 .....	<sup>8</sup> 57.70		<sup>9</sup> 1,700	11.7		<sup>9</sup> 0

<sup>1</sup> Average of the crop from 1965 through 1970; Middling 1-inch, micronaire 3.5-4.9, net weight for 1971 and succeeding years. <sup>2</sup> Includes price-support payments as follows: To producers within domestic allotment, 4.35 cents per pound in 1965; to program participants on projected production from farm's domestic allotment, 9.42 cents in 1966, 11.53 cents in 1967, 12.24 cents in 1968, 14.73 cents in 1969, and 16.80 cents in 1970; and, on production from area planted within the farm base area allotment, 15 cents in 1971, 1972, and 1973. <sup>3</sup> Percentage of parity price as of the beginning of the marketing year. <sup>4</sup> Includes loans made. <sup>5</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year. <sup>6</sup> Running bales. <sup>7</sup> Less than 500 bales. <sup>8</sup> Established price or "target" price. If the average market price is below the target price, eligible producers will receive payment at a rate equal to the difference between the target price and the higher of the loan level or the average market price. No payments have been made since the 1973 crop. <sup>9</sup> Estimated.

Table 87.—Cotton: Area, yield, and production in specified countries, 1977–79<sup>1</sup>

Continent and country	Area			Yield per acre			Production		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
North America:	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
United States .....	13,274	12,370	12,965	520	421	551	14,389	10,856	14,873
El Salvador .....	250	259	225	701	608	655	365	328	307
Guatemala .....	306	311	321	1,018	1,164	1,032	649	754	690
Honduras .....	44	30	32	567	544	495	52	34	33
Mexico .....	961	865	951	808	860	767	1,617	1,550	1,520
Nicaragua .....	539	430	99	503	557	388	565	499	80
Total <sup>4</sup> .....	15,479	14,356	14,685	549	470	574	17,693	14,066	17,550
South America:									
Argentina .....	1,527	1,532	1,334	332	244	313	1,056	780	870
Brazil .....	4,979	4,856	4,880	212	247	256	2,196	2,503	2,600
Colombia .....	979	435	541	315	409	470	642	371	530
Ecuador .....	49	49	49	470	470	490	48	48	50
Paraguay .....	704	803	544	283	197	265	415	330	300
Peru .....	267	321	358	627	622	623	349	416	465
Venezuela .....	146	133	124	302	227	275	92	63	71
Total <sup>4</sup> .....	8,730	8,216	7,890	268	267	300	4,877	4,577	4,937
Europe:									
Greece .....	452	415	353	745	813	653	702	703	480
Italy .....	10	7	7	144	137	206	3	2	3
Spain .....	163	111	124	639	545	581	217	126	150
Bulgaria .....	37	37	37	519	519	519	40	40	40
Yugoslavia .....	10	10	7	240	240	343	5	5	5
Total <sup>4</sup> .....	766	675	623	639	658	561	1,019	926	728
Soviet Union .....	7,393	7,507	7,628	825	784	826	12,710	12,257	13,126
Africa:									
Angola .....	148	148	148	162	162	162	50	50	50
Cameroon .....	124	124	148	275	271	211	71	70	65
Central African Empire .....	309	297	346	75	105	97	48	65	70
Chad .....	704	680	667	143	176	173	210	250	240
Zaire .....	282	247	457	44	64	63	26	33	60
Kenya .....	185	185	198	91	78	85	35	30	35
Malawi .....	99	99	99	155	170	145	32	35	30
Morocco .....	44	27	20	295	320	384	27	18	16
Mozambique .....	358	346	272	123	118	124	92	85	70
Nigeria .....	778	704	704	102	116	130	166	170	190
Zimbabwe .....	222	185	173	378	376	375	175	145	135
South Africa .....	198	247	247	579	463	482	239	238	243
Sudan .....	1,198	902	988	365	319	316	910	600	650
Tanzania .....	786	840	890	144	149	156	236	260	290
Uganda .....	865	272	62	25	35	232	45	20	30
Egypt .....	1,478	1,233	1,240	595	784	832	1,832	2,013	2,150
Total <sup>4</sup> .....	9,192	8,038	8,087	260	294	305	4,978	4,920	5,131
Asia and Oceania:									
Afghanistan .....	198	198	148	606	606	568	250	250	175
Australia .....	101	128	163	970	911	854	204	243	290
Burma .....	405	457	482	76	84	90	64	80	90
China, Mainland .....	11,614	11,614	11,120	388	411	440	9,400	9,950	10,200
India .....	18,409	19,719	20,386	148	152	142	5,675	6,260	6,025
Iran .....	791	692	544	502	430	446	827	620	505
Iraq .....	161	161	161	209	209	209	70	70	70
Israel .....	138	173	156	1,023	1,007	1,077	294	363	350
Korea, Rep. of .....	12	12	12	360	360	360	9	9	9
Pakistan .....	4,554	4,695	4,942	268	214	301	2,539	2,091	3,100
Yemen (Aden) .....	40	37	40	300	298	300	25	23	25
Syria .....	462	418	403	719	761	697	692	663	585
Thailand .....	163	183	227	312	325	317	106	124	150
Turkey .....	1,922	1,614	1,520	659	649	698	2,640	2,182	2,210
Total <sup>4</sup> .....	39,126	40,265	40,470	281	274	283	22,867	23,007	23,865
World total <sup>4</sup> .....	80,686	79,057	79,383	382	363	395	64,144	59,753	65,337
Foreign Free World <sup>4</sup> .....	48,205	47,369	47,483	274	269	273	27,528	26,575	27,028
Communist countries <sup>4</sup> .....	19,207	19,318	18,935	555	555	594	22,227	22,322	23,436

See footnotes on page 65.



Table 88.—Cotton: Supply and distribution, United States, 1965–79

Year beginning August	Supply					Distribution				
	Beginning of season		Gin- nings in season <sup>1</sup>	Im- ports <sup>2</sup>	Total supply	Consumption		Ex- ports <sup>3</sup>	Carryover, end of season	
	Foreign	Total				Foreign	Total		Foreign	Total
	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>
1965 .....	67	14,291	14,860	104	29,255	91	9,497	2,942	62	16,862
1966 .....	62	16,862	9,859	76	26,797	87	9,485	4,669	58	12,533
1967 .....	58	12,533	7,215	145	19,893	95	8,982	4,206	46	6,448
1968 .....	46	6,448	11,030	66	17,544	75	8,242	2,731	31	6,521
1969 .....	31	6,521	9,903	49	16,473	41	7,991	2,768	27	5,760
1970 .....	27	5,760	10,269	36	16,065	31	8,068	3,740	15	4,252
1971 .....	15	4,252	10,187	72	14,511	37	8,039	3,229	24	3,234
1972 .....	24	3,234	13,240	30	16,504	36	7,470	5,000	13	3,929
1973 .....	13	3,929	12,773	48	16,750	33	7,172	5,746	11	3,743
1974 .....	11	3,743	11,224	34	15,000	21	5,629	3,746	17	5,481
1975 .....	17	5,481	8,174	92	13,746	23	6,986	3,178	48	3,594
1976 .....	48	3,594	10,395	38	14,027	35	6,478	4,565	13	2,920
1977 .....	13	2,920	14,076	5	17,002	12	6,217	5,219	6	5,326
1978 .....	6	5,326	10,478	4	15,808	4	6,180	5,850	4	3,782
1979 <sup>5</sup> .....	4	3,782	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup>Ginnings during the 12 months, Aug. 1–July 31. Includes an allowance for “city crop” which consists of rebaled samples and pickings from cotton damaged by fire and weather. <sup>2</sup>Total imports minus re-exports. <sup>3</sup>Total exports minus re-imports. <sup>4</sup>Domestic in running bales, and foreign in equivalent bales of 500 pounds. <sup>5</sup>Preliminary.

Agricultural Marketing Service. Compiled from reports of the U.S. Department of Commerce.

Table 89.—Cotton: Mill consumption, by growths, United States, 1965–78

Year beginning August	Domestic			Foreign					All growths
	Upland <sup>1</sup>	American Pima	Total	Egyptian	Peruvian	Indian	Other	Total	
	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>
1965 .....	9,337,728	67,687	9,405,415	47,319	( <sup>3</sup> )	18,201	25,863	91,383	9,496,798
1966 .....	9,297,954	64,077	9,362,031	44,626	( <sup>3</sup> )	16,304	25,872	86,802	9,448,833
1967 .....	8,923,073	52,571	8,975,644	55,692	( <sup>3</sup> )	19,281	20,509	95,482	9,071,126
1968 .....	8,066,550	73,392	8,139,942	38,699	( <sup>3</sup> )	22,218	13,748	74,665	8,214,607
1969 .....	7,837,622	86,154	7,923,776	13,988	( <sup>3</sup> )	15,765	11,113	40,866	7,964,642
1970 .....	7,958,398	78,765	8,037,163	15,401	( <sup>3</sup> )	11,608	3,596	30,605	8,067,768
1971 .....	7,904,112	68,708	7,972,820	18,416	( <sup>3</sup> )	12,430	6,049	36,895	8,009,715
1972 .....	7,453,068	78,831	7,531,899	11,611	( <sup>3</sup> )	18,026	6,699	36,336	7,568,235
1973 .....	7,047,207	69,894	7,117,101	12,905	( <sup>3</sup> )	16,534	3,347	32,786	7,149,887
1974 .....	5,534,413	48,519	5,582,932	8,857	( <sup>3</sup> )	7,808	4,192	20,857	5,603,789
1975 .....	6,867,407	74,137	6,941,544	12,317	( <sup>3</sup> )	9,966	702	22,985	6,964,529
1976 .....	6,394,441	48,395	6,442,836	18,194	( <sup>3</sup> )	6,593	10,101	34,888	6,477,724
1977 .....	6,151,101	54,004	6,205,105	8,192	( <sup>3</sup> )	.....	3,396	11,698	6,216,803
1978 .....	6,114,150	62,146	6,176,296	4,143	( <sup>3</sup> )	.....	.....	4,143	6,180,439

<sup>1</sup>Includes sea island cotton. <sup>2</sup>Domestic in running bales, counting round as half bales and foreign equivalent bales of 500 pounds. <sup>3</sup>Not reported separately; shown under “Other.”

Agricultural Marketing Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 87

<sup>1</sup>Harvest season beginning Aug. 1.

<sup>2</sup>Preliminary.

<sup>3</sup>480-pound net weight.

<sup>4</sup>Includes estimates for minor-producing countries not shown above and allowance for countries where data are not yet available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 90.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by grade, United States, 1965-79

Year beginning August	White <sup>1</sup>				Light Spotted			All spotted	Other colored <sup>2</sup>	All grades <sup>3</sup>
	Strict Middling and higher	Middling	Strict Low Middling	Low Middling and lower	Strict Middling and higher	Middling	Strict Low Middling and lower			
	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>
Carryover:										
1965	868	2,787	3,001	1,162	802	2,249	1,673	1,182	294	14,018
1966	445	1,963	2,418	1,214	766	3,772	3,828	1,857	302	16,565
1967	244	1,412	1,934	595	464	2,685	2,637	1,999	300	12,270
1968	128	876	1,290	486	146	1,107	990	1,002	221	6,246
1969	122	1,237	1,232	843	36	652	767	374	124	6,347
1970	105	1,127	1,977	738	66	576	815	144	87	5,635
1971	87	867	1,461	500	76	592	434	129	37	4,183
1972	55	525	981	545	18	121	464	351	90	3,150
1973	33	297	1,131	921	6	115	611	468	281	3,863
1974	31	529	1,287	656	15	500	490	134	45	3,687
1975	28	527	2,166	1,090	13	312	997	208	73	5,414
1976	25	525	1,176	761	4	176	551	227	68	3,513
1977	27	336	999	563	3	162	416	281	80	2,867
1978	74	716	1,806	955	20	584	856	174	73	5,258
1979	21	259	1,416	691	7	288	835	151	62	3,730
Ginnings:										
1965	319	2,791	4,981	2,050	73	1,694	2,282	356	351	14,847
1966	126	1,569	2,797	920	33	1,060	1,911	826	249	9,491
1967	91	1,378	2,580	680	33	973	1,080	389	166	7,370
1968	117	1,763	4,315	1,500	25	1,012	1,626	329	151	10,838
1969	54	1,416	3,905	1,422	6	498	1,908	371	280	9,860
1970	47	1,448	3,510	1,881	5	912	1,833	314	105	10,055
1971	34	1,291	3,499	1,738	5	418	2,422	550	176	10,133
1972	25	1,078	4,469	3,384	3	481	2,621	699	416	13,176
1973	60	2,252	5,048	2,112	5	958	1,797	213	88	12,533
1974	23	1,370	4,632	2,517	3	290	2,045	255	105	11,240
1975	40	1,470	2,845	1,279	4	435	1,568	374	83	8,098
1976	25	1,402	4,168	1,301	6	587	1,664	917	214	10,284
1977	137	2,943	4,970	1,812	22	1,390	2,235	311	89	13,909
1978	33	1,811	4,175	1,719	4	529	2,363	228	97	10,459
1979 <sup>5</sup>	214	3,136	4,554	1,632	13	1,557	2,399	561	99	14,165
Supply: <sup>6</sup>										
1965	1,187	5,577	7,993	3,212	875	3,943	3,956	1,538	645	28,866
1966	571	3,532	5,216	2,134	799	4,832	5,738	2,683	551	26,056
1967	335	2,790	4,515	1,276	496	3,658	3,717	2,387	467	19,641
1968	246	2,639	5,606	1,986	170	2,119	2,616	1,331	372	17,085
1969	176	2,654	6,098	2,265	41	1,150	2,674	745	404	16,207
1970	152	2,574	5,489	2,619	71	1,488	2,648	458	192	15,691
1971	121	2,158	4,961	2,238	81	1,010	2,857	679	212	14,317
1972	80	1,602	5,452	3,029	21	601	3,085	1,050	505	16,325
1973	93	2,550	6,176	3,034	11	1,073	2,408	681	370	16,396
1974	54	1,899	5,919	3,173	18	790	2,535	389	150	14,927
1975	68	1,997	5,010	2,369	17	747	2,565	582	156	13,511
1976	50	1,927	5,344	2,062	10	783	2,215	1,144	282	13,797
1977	164	3,279	5,969	2,375	25	1,552	2,651	592	169	16,776
1978	107	2,027	5,981	2,674	24	1,113	3,219	402	170	15,717
1979 <sup>5</sup>	235	3,395	5,970	2,323	20	1,845	3,234	712	161	17,895
Disappearance: <sup>7</sup>										
1965 <sup>8</sup>	742	3,613	5,514	1,998	109	172	128	-319	343	12,800
1966	327	2,120	3,282	1,538	336	2,147	3,101	684	251	13,786
1967	207	1,915	3,222	790	351	2,550	2,727	1,386	246	13,384
1968	124	1,402	3,413	1,143	135	1,467	1,849	957	248	10,738
1969 <sup>8</sup>	71	1,527	4,121	1,527	-24	574	1,859	600	317	10,572
1970 <sup>8</sup>	65	1,707	4,027	2,119	-5	896	2,214	329	155	11,507
1971	66	1,634	3,978	1,693	63	890	2,392	328	123	11,167
1972	47	1,305	4,322	3,007	15	486	2,474	582	224	12,462
1973 <sup>8</sup>	62	2,021	4,389	2,378	-4	573	1,918	547	325	12,709
1974	26	1,372	3,753	2,083	5	473	1,538	181	77	9,513
1975	42	1,471	3,834	1,608	14	572	2,014	355	88	9,998
1976	28	1,591	4,345	1,499	7	601	1,799	863	202	10,930
1977	90	2,563	4,163	1,420	5	968	1,795	418	96	11,518
1978	86	1,768	4,565	1,983	17	825	2,384	251	108	11,987

<sup>1</sup>"Plus" grades of White included with straight grades. <sup>2</sup>Includes all grades of Tinged, Stained, Light Gray, Gray, and Below Grade. <sup>3</sup>U.S. Department of Commerce. <sup>4</sup>Running bales. <sup>5</sup>Preliminary. <sup>6</sup>Carryover at the beginning of the season, plus ginnings. <sup>7</sup>Supply minus carryover at the end of the season. <sup>8</sup>Negative disappearance reflected in total.

Table 91.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by staple lengths, United States, 1965-79

Year beginning August	1 <sup>3</sup> / <sub>16</sub> inch and shorter <sup>1</sup>	7 <sup>8</sup> / <sub>16</sub> and 2 <sup>9</sup> / <sub>16</sub> inch	1 <sup>5</sup> / <sub>16</sub> and 3 <sup>1</sup> / <sub>16</sub> inch	1 and 1 <sup>1</sup> / <sub>16</sub> inches	1 <sup>1</sup> / <sub>16</sub> and 1 <sup>3</sup> / <sub>16</sub> inches	1 <sup>1</sup> / <sub>16</sub> and 1 <sup>5</sup> / <sub>16</sub> inches	1 and 1 <sup>3</sup> / <sub>16</sub> inches	1 <sup>1</sup> / <sub>16</sub> inches and longer	All staple lengths <sup>2</sup>
Carryover:	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
1965	25	1,341	2,973	4,576	4,829	258	14	2	14,018
1966	25	2,074	3,834	5,790	4,483	343	12	4	16,565
1967	8	1,179	3,733	4,243	2,744	323	35	5	12,270
1968	9	490	1,691	1,641	2,002	372	32	9	6,246
1969	0	73	748	1,281	3,317	898	26	4	6,437
1970	2	58	269	1,001	3,742	530	29	4	5,635
1971	0	44	244	496	2,966	410	18	5	4,183
1972	1	189	509	422	1,703	307	12	7	3,150
1973	1	116	716	811	1,966	237	15	1	3,863
1974	0	113	821	832	1,634	275	9	3	3,687
1975	0	70	572	789	3,335	639	6	3	5,414
1976	1	87	415	570	2,068	357	12	3	3,513
1977	0	20	285	639	1,650	257	9	7	2,867
1978	0	33	646	1,458	2,752	357	8	4	5,258
1979	0	20	321	1,240	1,900	235	9	5	3,730
Ginnings:									
1965	9	1,042	2,947	3,555	6,859	418	7	10	14,849
1966	8	735	1,814	1,642	4,888	346	38	20	9,491
1967	2	382	1,321	1,109	3,807	672	51	26	7,370
1968	1	126	1,509	1,707	5,676	1,771	38	10	10,838
1969	7	549	1,128	1,590	5,894	678	13	1	9,860
1970	2	386	1,634	1,541	5,773	707	7	5	10,055
1971	7	398	1,440	843	5,855	1,568	21	1	10,133
1972	0	168	1,990	2,464	7,556	993	5	0	13,176
1973	2	273	2,743	1,945	6,811	758	1	0	12,533
1974	1	82	1,108	1,126	7,510	1,403	8	2	11,240
1975	4	356	1,314	905	4,496	1,021	1	1	8,098
1976	1	86	1,551	1,950	5,477	1,214	3	2	10,284
1977	0	69	2,301	3,058	6,960	1,515	3	3	13,909
1978	1	98	1,309	2,425	5,609	1,013	2	2	10,459
1979 <sup>4</sup>	4	151	2,060	2,997	5,867	3,077	8	1	14,165
Supply: <sup>5</sup>									
1965	35	2,383	5,920	8,132	11,688	676	20	12	28,866
1966	33	2,808	5,647	7,433	9,372	689	51	23	26,056
1967	10	1,561	5,055	5,353	6,550	995	86	31	19,641
1968	9	615	3,200	3,348	7,680	2,143	70	20	17,085
1969	7	622	1,875	2,871	9,211	1,576	39	5	16,207
1970	3	444	1,903	2,542	9,515	1,238	37	9	15,691
1971	8	442	1,684	1,339	8,822	1,978	38	6	14,317
1972	1	357	2,499	2,387	9,257	1,300	17	7	16,325
1973	4	389	3,459	2,756	8,776	995	16	1	16,396
1974	1	195	1,929	1,958	9,144	1,678	17	5	14,927
1975	4	427	1,887	1,694	7,828	1,660	7	4	13,511
1976	2	173	1,966	2,520	7,545	1,571	15	5	13,797
1977	0	89	2,586	3,697	8,610	1,772	12	10	16,776
1978	1	131	1,955	3,883	8,361	1,370	10	6	15,717
1979 <sup>4</sup>	4	171	2,381	4,237	7,767	3,312	17	6	17,895
Disappearance: <sup>6</sup>									
1965	10	310	2,087	2,340	7,203	333	8	9	12,300
1966	24	1,629	1,914	3,189	6,629	367	16	18	13,786
1967	1	1,071	3,364	3,712	4,547	623	54	22	13,394
1968	9	542	2,452	2,067	4,363	1,245	44	16	10,738
1969	6	564	1,607	1,870	5,468	1,046	10	1	10,572
1970	3	400	1,659	2,047	6,547	828	19	4	11,507
1971	7	253	1,175	916	7,118	1,672	26	0	11,167
1972	0	241	1,783	2,075	7,291	1,063	3	6	12,462
1973 <sup>7</sup>	4	276	2,638	1,924	7,142	720	7	-2	12,709
1974	1	125	1,357	1,169	5,809	1,039	1	2	9,513
1975 <sup>7</sup>	3	340	1,472	1,124	5,758	1,304	-4	1	9,998
1976 <sup>7</sup>	2	153	1,681	1,881	5,895	1,314	6	-2	10,930
1977	0	56	1,940	2,239	5,858	1,415	4	6	11,518
1978	1	111	1,634	2,643	6,461	1,135	1	1	11,987

<sup>1</sup>Includes "no staple" and "perished staple."<sup>2</sup>U.S. Department of Commerce.<sup>3</sup>Running bales.<sup>4</sup>Preliminary.<sup>5</sup>Carryover at the beginning of the season, plus ginnings.<sup>6</sup>Supply minus carryover at the end of the season.<sup>7</sup>Negative disappearance reflected in total.

Agricultural Marketing Service.

Table 92.—Cotton, American Pima: Carryover and ginnings, by grade and staple length, United States, 1965-79

Year beginning August	Grade					Staple length (inches)					All grades and all lengths ( <sup>1</sup> )
	1 and 2	3 and 4	5 and 6	7 and 8	9 and 10	1 $\frac{5}{16}$ and shorter	1 $\frac{3}{8}$	1 $\frac{7}{16}$	1 $\frac{1}{2}$	1 $\frac{5}{8}$ and longer	
Carryover:	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>
1965	30.8	146.4	21.5	4.8	1.6	7.2	179.7	16.3	14	0.5	205.1
1966	10.6	132.2	81.4	9.5	1.8	20.9	162.4	45.6	6.6	( <sup>3</sup> )	235.5
1967	36.4	136.3	27.8	4.3	.3	8.0	151.8	13.3	31.8	.2	205.1
1968	27.0	101.1	21.7	4.4	1.4	3.3	77.4	45.8	28.8	.3	155.6
1969	17.6	102.6	18.8	2.8	.7	5.8	109.1	19.1	8.5	( <sup>3</sup> )	142.5
1970	9.1	55.0	27.5	5.2	.9	4.5	80.2	8.8	4.1	.1	97.7
1971	6.1	32.0	12.3	3.0	.2	1.4	43.3	8.0	.8	.1	53.6
1972	2.2	42.9	12.0	2.9	.5	3.3	46.3	10.6	.3	.....	60.5
1973	4.6	25.3	18.2	4.0	.4	3.0	40.9	7.8	.1	.7	52.5
1974	3.6	31.8	5.3	3.1	1.1	3.1	38.0	3.7	.1	.....	44.9
1975	1.3	35.2	9.9	3.0	.8	3.6	41.7	4.8	.1	.....	50.2
1976	1.6	19.5	8.8	2.1	.3	.6	26.1	5.0	.....	.6	32.3
1977	3.4	31.5	4.0	1.0	.4	.4	27.1	12.4	.4	.....	40.3
1978	3.4	41.2	14.3	3.0	.6	1.4	31.8	29.0	.3	.....	62.5
1979	2.1	23.2	18.3	1.7	2.0	1.7	17.2	28.4	.....	( <sup>3</sup> )	47.3
Ginnings:											
1965	11.3	56.9	13.4	2.6	1.1	7.9	74.5	2.9	.....	.....	85.3
1966	11.9	46.9	9.7	2.1	.6	7.0	61.3	2.9	.....	.....	71.2
1967	8.2	46.7	8.9	2.7	1.8	5.5	50.0	12.8	.....	.....	68.3
1968	5.4	57.7	10.4	2.6	2.1	4.9	56.4	16.9	.....	.....	78.2
1969	4.4	45.6	21.5	3.8	1.5	4.3	60.6	11.9	.....	.....	76.8
1970	2.6	43.0	8.4	2.4	.7	4.0	40.0	13.1	.....	.....	57.1
1971	.9	71.5	16.1	4.1	3.3	8.1	69.8	18.0	.....	.....	95.9
1972	.2	41.5	44.4	5.5	2.3	6.0	84.5	3.4	.....	.....	93.9
1973	2.2	63.0	6.0	5.4	1.5	7.2	67.5	3.4	.....	.....	78.1
1974	( <sup>3</sup> )	57.7	27.2	3.3	.5	3.5	74.5	10.7	.....	.....	88.7
1975	1.8	43.5	5.8	2.1	.5	2.9	44.5	6.3	.....	.....	53.7
1976	1.2	51.4	9.0	1.1	.3	1.3	38.1	23.6	.....	.....	63.0
1977	.1	86.0	19.8	2.4	.5	1.9	51.0	55.9	( <sup>3</sup> )	.....	108.8
1978	.2	47.3	35.8	5.1	1.6	1.5	19.5	69.0	.....	.....	90.0
1979 <sup>4</sup>	4.7	85.5	4.9	.9	.5	1.1	12.2	83.2	( <sup>3</sup> )	.....	96.5

<sup>1</sup> U.S. Department of Commerce. Totals include small quantities of sealand and sea island cotton.<sup>2</sup> Running bales.<sup>3</sup> Less than 50 bales.<sup>4</sup> Preliminary.

Agricultural Marketing Service.



Table 93.—Cotton, upland: Average staple length of upland cotton ginned, by States, 1974-79

State	Average staple length (32ds of an inch) <sup>1</sup>					
	1974	1975	1976	1977	1978	1979 <sup>2</sup>
Ala .....	34.2	33.7	33.8	33.6	34.1	34.8
Ariz .....	34.7	34.7	34.7	34.5	34.5	34.8
Ark .....	34.9	34.7	34.2	34.8	34.6	35.4
Calif .....	35.3	35.4	35.3	35.3	35.3	35.3
Fla .....	34.1	34.0	.....	.....	.....	.....
Ga .....	34.0	34.0	34.6	34.0	34.5	34.4
La .....	34.6	34.7	34.1	34.7	34.3	35.2
Miss .....	34.7	34.7	34.1	34.8	34.4	35.4
Mo .....	35.1	34.6	34.3	34.4	34.7	35.6
N. Mex .....	35.9	35.2	35.3	35.5	35.8	35.1
N.C .....	35.4	34.6	35.3	34.9	35.3	35.0
Okla .....	31.9	31.9	31.2	32.5	32.2	32.6
S.C .....	35.0	34.6	35.1	35.3	35.3	35.5
Tenn .....	34.4	34.1	33.6	33.6	33.7	34.8
Tex .....	32.1	31.0	31.8	31.9	32.0	32.0
All other .....	35.1	35.0	34.5	34.6	34.8	35.1
U.S. ....	34.2	33.6	33.7	33.6	33.7	33.9

<sup>1</sup> Average calculated on numerical equivalents of the staple-length designations. For example,  $\frac{7}{8}$ -inch = 28,  $\frac{29}{32}$ -inch = 29, etc. <sup>2</sup> Preliminary.

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Table 94.—Cotton: International trade, 1973-78<sup>1</sup>

Country	1973	1974	1975	1976	1977	1978 <sup>2</sup>
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
Principal exporting countries:						
Mexico .....	767	891	536	542	597	905
Nicaragua .....	506	606	520	529	542	485
United States .....	6,123	3,926	3,311	4,784	5,484	6,180
Brazil .....	661	269	356	54	192	142
Peru .....	237	158	154	150	87	95
Greece .....	225	109	168	76	101	133
Soviet Union .....	3,370	3,560	3,890	4,300	4,160	3,722
Iran .....	445	502	642	327	336	317
Pakistan .....	196	1,060	418	65	474	255
Syria .....	563	385	467	675	510	551
Turkey .....	1,000	583	2,163	580	1,218	962
Egypt .....	1,199	878	775	606	662	702
Sudan .....	723	568	1,097	607	700	650
Tanzania .....	287	240	181	265	135	210
Uganda .....	299	116	103	62	45	34
Zaire .....	10	7	0	0	0	0
Total .....	16,617	13,858	14,781	13,622	15,243	15,343
Principal importing countries:						
Canada .....	320	225	254	215	239	255
Austria .....	101	89	102	101	105	0
Belgium .....	179	207	171	147	142	156
France .....	1,063	995	1,111	956	979	801
Germany, Fed. Rep. of .....	908	1,060	1,040	887	967	815
Italy .....	931	774	886	875	860	1,020
Netherlands .....	199	168	155	140	120	120
Poland .....	628	723	695	718	730	735
Portugal .....	560	400	489	459	545	475
Spain .....	273	331	424	396	232	328
Sweden .....	38	48	32	22	27	24
Switzerland .....	192	170	215	200	247	222
United Kingdom .....	560	477	582	461	504	430
Hong Kong .....	832	787	1,321	994	1,000	828
India .....	156	60	162	387	461	24
Japan .....	3,728	3,228	3,220	3,037	3,150	3,382
Total .....	10,668	9,742	10,859	9,995	10,308	9,615

<sup>1</sup> Crop year beginning Aug. 1.

<sup>2</sup> Preliminary.

<sup>3</sup> 480-pound net weight.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 95.—Cotton: United States exports, by country of destination, 1976-78

Country of destination	Year beginning August			Country of destination	Year beginning August		
	1976	1977	1978		1976	1977	1978
	<i>1,000 bales<sup>1</sup></i>	<i>1,000 bales<sup>1</sup></i>	<i>1,000 bales<sup>1</sup></i>		<i>1,000 bales<sup>1</sup></i>	<i>1,000 bales<sup>1</sup></i>	<i>1,000 bales<sup>1</sup></i>
Austria .....	( <sup>2</sup> )	4	( <sup>2</sup> )	Australia .....	1	4	( <sup>2</sup> )
Belgium and Luxembourg .....	16	9	15	Canada .....	194	222	222
Denmark .....	1	9	1	Chile .....	11	2	0
Finland .....	14	9	8	Colombia .....	0	( <sup>2</sup> )	27
France .....	47	84	63	Cuba .....	0	0	0
Germany, Fed. Rep. of .....	37	68	96	Ethiopia .....	0	0	0
Italy .....	88	81	146	Hong Kong .....	379	508	427
Netherlands .....	12	21	18	India .....	287	( <sup>2</sup> )	( <sup>2</sup> )
Norway .....	9	2	4	Indonesia .....	200	234	236
Poland .....	9	36	74	Israel .....	( <sup>2</sup> )	2	( <sup>2</sup> )
Portugal .....	67	71	27	Japan .....	1,020	1,077	1,342
Spain .....	90	67	65	Korea, Rep of .....	959	1,231	1,278
Sweden .....	17	22	23	Pakistan .....	2	( <sup>2</sup> )	1
Switzerland .....	80	110	91	Philippines .....	92	104	124
United Kingdom .....	69	62	72	South Africa .....	8	1	0
Yugoslavia .....	0	0	0	China, Taiwan .....	451	512	454
Other Europe .....	64	75	82	Thailand .....	174	170	243
Total Europe .....	614	722	785	Uruguay .....	0	0	0
				Other countries .....	392	700	1,041
				Total .....	4,784	5,484	6,180

<sup>1</sup> 480 pounds net.<sup>2</sup> Less than 500 bales.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 96.—Cotton and cotton linters: United States imports for consumption, by country of origin, 1976-78

Country of origin	Year beginning August			Country of origin	Year beginning August		
	1976	1977	1978		1976	1977	1978
	<i>Bales<sup>1</sup></i>	<i>Bales<sup>1</sup></i>	<i>Bales<sup>1</sup></i>		<i>Bales<sup>1</sup></i>	<i>Bales<sup>1</sup></i>	<i>Bales<sup>1</sup></i>
Cotton, raw:				Cotton linters:			
Egypt .....	3,062	2,160	526	El Salvador .....	343	0	0
India .....	595	0	1,279	Guatemala .....	7,120	2,076	4,045
Mexico .....	18,505	417	242	Mexico .....	31,763	38,852	39,875
Pakistan .....	161	190	441	Nicaragua .....	5,273	2,090	68
Peru .....	10,144	1,666	0	Soviet Union .....	0	0	0
Other countries .....	5,469	996	1,799	Other countries .....	31,426	13,940	26,558
Total .....	37,936	5,429	4,287	Total .....	75,925	56,958	70,546

<sup>1</sup> 480 pounds net.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 98

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 99

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

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Table 97.—Cotton, American upland: Percentage distribution of micronaire readings, by specified groups, United States, 1965-79

Year beginning August	Micronaire groups						
	2.6 and below	2.7 to 2.9	3.0 to 3.2	3.3 to 3.4	3.5 to 4.9	5.0 and 5.2	5.3 and above
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1965 .....	1.7	4.0	6.4	4.3	73.6	7.5	2.5
1966 .....	2.2	4.5	6.6	4.2	66.7	10.9	4.9
1967 .....	2.4	6.1	9.8	6.5	69.6	4.6	1.0
1968 .....	1.1	3.3	6.2	4.4	76.5	7.0	1.5
1969 .....	.8	1.5	3.0	2.5	76.9	11.5	3.8
1970 .....	.3	1.1	2.9	2.8	83.7	7.5	1.7
1971 .....	2.4	5.6	6.5	3.7	76.6	4.1	1.1
1972 .....	1.5	3.8	6.3	3.9	77.9	5.6	1.0
1973 .....	.4	1.1	2.5	2.4	83.5	8.4	1.7
1974 .....	2.6	3.7	5.4	4.0	76.5	6.1	1.7
1975 .....	3.3	7.9	9.5	5.3	68.7	4.3	1.0
1976 .....	1.3	2.8	5.0	4.5	77.2	7.0	2.2
1977 .....	.1	.6	1.9	2.2	80.2	11.4	3.6
1978 .....	.2	1.4	4.6	4.7	76.7	9.5	2.9
1979 <sup>1</sup> .....	1.8	8.8	10.9	5.6	67.4	4.5	1.0

<sup>1</sup> Preliminary.

Agricultural Marketing Service.

Table 98.—Cotton, American upland: Spot prices in cents per pound for specified grades of 1½-inch staple, 1965-78<sup>1</sup>

Year beginning August	White				Light Spotted			Spotted	
	Middling	Strict Low Middling	Low Middling	Strict Good Ordinary	Middling	Strict Low Middling	Low Middling	Middling	Strict Low Middling
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1965 .....	31.46	29.50	27.32	25.01	29.26	27.31	25.31	26.54	24.99
1966 .....	24.73	22.82	20.31	17.64	22.35	20.31	17.93	19.12	17.59
1967 .....	30.60	28.75	25.65	21.51	28.33	25.52	21.77	22.83	20.75
1968 .....	26.93	24.52	21.65	18.12	24.34	21.80	18.56	20.15	18.10
1969 .....	25.10	23.12	20.67	18.03	23.03	20.94	18.62	19.67	18.35
1970 .....	25.66	24.32	22.69	21.06	24.38	22.93	21.44	22.14	21.33
1971 <sup>2</sup> .....	33.91	32.96	31.65	29.54	32.88	31.50	29.69	30.37	29.28
1972 .....	37.86	35.59	32.51	27.68	35.45	32.28	28.08	29.77	27.01
1973 .....	69.37	67.10	63.24	54.61	66.74	62.47	55.28	56.29	52.37
1974 .....	43.85	41.69	38.48	32.32	41.59	38.51	33.13	34.65	31.48
1975 .....	59.37	57.99	55.47	49.90	58.04	55.58	50.98	52.60	49.71
1976 .....	72.28	70.88	68.23	63.11	70.94	68.41	63.98	65.04	62.12
1977 .....	54.19	52.74	49.73	45.89	52.76	49.89	46.40	47.57	45.03
1978 .....	63.23	61.58	57.98	53.39	61.57	58.15	53.91	55.19	52.63

See footnotes on page 70.

Table 99.—Cotton, American upland: Spot prices in cents per pound for specified staple lengths of Strict Low Middling, 1965-78<sup>1</sup>

Year beginning August	¾ inch	29/32 inch	15/16 inch	3½/32 inch	1 inch	1½/32 inches	1½/16 inches	1½/32 inches
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1965 .....	25.95	26.41	26.81	27.29	27.94	28.74	29.50	30.03
1966 .....	17.89	18.32	18.75	19.24	20.25	21.46	22.82	23.32
1967 .....	17.91	18.38	19.10	20.48	22.97	26.57	28.75	29.48
1968 .....	17.47	18.00	18.78	19.66	20.73	22.81	24.52	25.03
1969 .....	18.13	18.60	20.29	19.86	20.45	21.65	23.12	23.47
1970 .....	20.75	21.21	21.75	22.14	22.44	23.34	24.32	24.61
1971 <sup>2</sup> .....	29.21	29.61	29.98	30.29	30.79	31.97	32.96	33.16
1972 .....	28.08	28.48	29.03	29.84	31.26	33.68	35.59	35.77
1973 .....	48.50	49.69	51.27	53.96	57.17	64.59	67.10	67.31
1974 .....	33.22	34.17	35.52	36.91	38.05	40.02	41.69	41.89
1975 .....	50.14	50.87	52.09	53.14	54.29	56.44	57.99	58.18
1976 .....	62.54	63.36	64.55	65.34	66.67	69.34	70.88	71.08
1977 .....	46.20	46.85	47.90	48.41	49.37	51.27	52.74	52.95
1978 .....	53.56	54.14	55.08	55.87	56.88	59.92	61.58	61.89

See footnotes on page 70.

**Table 100.—Cotton, American upland: High, low, and season average spot price per pound for the base quality, 1965–78<sup>1</sup>**

Season beginning August	Middling 1-inch			Season beginning August	Middling 1-inch <sup>2</sup>		
	Average	High	Low		Average	High	Low
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1965 .....	29.60	30.27	29.41	1972 .....	33.14	49.92	24.74
1966 .....	22.08	22.65	21.82	1973 .....	67.10	84.48	51.69
1967 .....	24.83	27.13	22.64	1974 .....	41.69	53.42	34.98
1968 .....	22.90	25.11	21.87	1975 .....	57.99	86.84	46.74
1969 .....	22.15	23.01	21.39	1976 .....	70.88	79.36	55.21
1970 .....	23.55	25.45	22.54	1977 .....	52.74	59.28	47.02
1971 <sup>3</sup> .....	31.52	35.78	26.56	1978 .....	61.58	67.57	56.46

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Base quality changed to "Strict Low Middling 1 $\frac{1}{16}$  inches" in 1973.<sup>3</sup> Net weight basis beginning 1971; prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

**Table 101.—Cotton, American upland: Spot price per pound for the base quality in designated markets, 1973–78<sup>1</sup>**

Market	Strict Low Middling 1 $\frac{1}{16}$ inches					
	1973	1974	1975	1976	1977	1978
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Greenville .....	68.06	42.80	59.19	71.85	53.33	62.09
Augusta .....	68.63	43.63	60.22	72.70	53.81	62.50
Atlanta .....	68.63	.....	.....	.....	.....	.....
Montgomery .....	68.44	42.45	58.93	71.54	53.24	61.92
Memphis .....	68.01	41.86	58.48	71.28	52.75	61.68
Greenwood .....	68.06	42.20	58.54	71.21	52.75	61.84
Dallas .....	63.75	40.31	55.84	69.43	50.53	58.33
Houston .....	64.57	41.70	57.65	70.94	51.58	59.45
Lubbock .....	61.87	38.90	55.06	67.79	50.04	58.27
Phoenix .....	66.26	40.52	57.20	70.12	52.71	61.98
Fresno .....	71.54	42.53	58.72	71.93	56.67	67.66
Average .....	67.10	41.69	57.99	70.88	52.74	61.58

<sup>1</sup> Year beginning August. Average of monthly averages.

Agricultural Marketing Service.



**Table 102.—Cotton: Average cost per 480-pound net weight bale to farmers for ginning cotton (including bagging and ties), by States, 1973-78<sup>1</sup>**

Kind of cotton and State	1973	1974	1975	1976	1977	1978
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Upland:						
Ala .....	19.10	23.80	23.47	25.94	27.03	31.21
Ariz .....	23.47	26.55	29.35	30.42	33.26	33.93
Ark .....	22.74	31.23	30.39	31.96	30.70	35.53
Cal .....	23.50	28.64	29.00	32.19	35.13	37.28
Ga .....	20.12	23.81	24.40	27.66	27.74	30.36
La .....	21.86	28.53	29.08	28.98	30.35	30.21
Miss .....	21.03	28.10	27.81	29.48	29.79	31.07
Mo .....	26.65	33.31	32.32	37.73	37.53	40.55
N. Mex .....	25.64	32.15	35.06	36.49	39.50	40.30
N.C .....	24.45	28.10	30.02	31.94	32.74	32.83
Okla .....	22.79	28.77	32.50	27.81	32.78	32.23
S.C .....	24.23	30.18	30.64	29.79	31.85	33.60
Tenn .....	27.71	29.50	28.86	31.20	27.40	32.16
Tex .....	25.60	33.20	39.92	37.29	38.37	39.82
All upland cotton .....	23.74	29.38	32.13	32.87	34.73	36.16
American Pima .....	32.73	37.20	41.16	38.18	42.23	39.04

<sup>1</sup> Crop year beginning Aug. 1. Includes bagging and ties, drying of seed cotton, and use of lint cleaners.

Agricultural Marketing Service and Economics, Statistics, and Cooperatives Service.

**Table 103.—Cotton linters: Supply, distribution, season average price, United States, 1965-79**

Year beginning August	Supply				Distribution		Price per pound <sup>1</sup>		
	Stocks Aug. 1	Production	Imports	Total	Con- sumption	Exports	Felting linters		Chemical grade
							High grade	Medium grade	
	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1965 .....	671	1,580	193	2,444	1,453	283	7.77	5.89	3.13
1966 .....	641	1,129	200	1,969	1,157	179	9.39	7.89	5.69
1967 .....	637	883	129	1,650	1,090	176	9.28	7.26	4.38
1968 .....	365	1,307	131	1,802	1,125	171	8.34	5.88	3.47
1969 .....	432	1,176	142	1,750	1,128	184	6.68	4.55	2.78
1970 .....	342	1,147	67	1,556	920	171	7.32	5.01	2.75
1971 .....	413	1,145	49	1,607	1,017	152	8.11	6.01	2.33
1972 .....	363	1,341	30	1,734	1,111	259	7.17	4.49	2.92
1973 .....	290	1,332	32	1,654	964	374	11.39	9.04	9.58
1974 .....	295	1,270	23	1,588	888	217	9.34	6.27	8.83
1975 .....	487	847	25	1,360	838	182	9.30	6.56	4.25
1976 .....	445	983	70	1,498	999	210	10.26	7.36	3.75-7.25
1977 .....	279	1,174	50	1,504	970	239	9.85	7.12	5.25-6.87
1978 .....	282	1,077	60	1,419	980	263	11.92	9.70	7.00-8.60
1979 <sup>3</sup> .....	229	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Uncompressed in carload lots, f.o.b. mill points.<sup>2</sup> Bales are running bales except imports, which are 500-pound bales; includes production at oil mills, gins, and other delinting plants. Beginning 1959, "Supply" items are principally in 600-pound gross weight bales and "Distribution" items are in running bales.<sup>3</sup> Preliminary.

Agricultural Marketing Service. Supply and distribution figures compiled from reports of the U.S. Department of Commerce.

Table 104.—Cotton: Supply and distribution, by countries, 1978-79

Country	Beginning stocks Aug. 1 <sup>1</sup>	Production	Imports	Total supply	Consumption <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distribution
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
Exporting countries:								
Mexico .....	435	1,550	1	1,986	760	905	321	1,986
Nicaragua .....	81	499		580	14	485	81	580
El Salvador .....	162	328	5	495	66	262	167	495
Guatemala .....	13	754		767	50	697	20	767
Argentina .....	581	780	32	1,393	500	320	573	1,393
Brazil .....	1,806	2,503		3,809	2,390	142	1,277	3,809
Colombia .....	71	371	50	492	330	98	64	492
Paraguay .....	272	330		602	25	375	202	602
Peru .....	546	416		962	262	95	605	962
Other Western Hemisphere .....	49	99	12	160	33	79	48	160
Angola .....	43	50		93	15	40	38	93
Chad .....	45	250		295	10	230	55	295
Central African Empire .....	26	65		91	10	55	26	91
Cameroon .....	13	70		83	30	40	13	83
Malawi .....	11	35		46	18	15	13	46
Zimbabwe .....	100	145		245	40	110	95	245
Sudan .....	767	600		1,367	110	650	607	1,367
Uganda .....	52	20		72	10	34	28	72
Egypt .....	507	2,013	134	2,654	1,354	702	598	2,654
Nigeria .....	226	170		396	207	115	74	396
Tanzania .....	144	260		404	75	210	119	404
Mozambique .....	70	85		155	25	70	60	155
Other Africa .....	109	729	49	887	266	498	123	887
Afghanistan .....	159	250		409	60	190	159	409
Iran .....	173	620		793	375	317	101	793
Israel .....	74	363		437	124	248	65	437
Pakistan .....	376	2,091	4	2,471	1,950	255	266	2,471
Syria .....	174	663		837	165	551	121	837
Turkey .....	457	2,182		2,639	1,440	962	237	2,639
Other Asia .....	33	133	45	211	131	53	27	211
Greece .....	377	703	99	1,179	648	133	398	1,179
Total "free world countries" above .....	7,452	19,127	431	27,010	11,493	8,936	6,581	27,010
United States <sup>4</sup> .....	5,347	<sup>5</sup> 10,856	<sup>6</sup> 4	16,207	6,068	6,180	3,959	16,207
Soviet Union .....	1,995	12,257	300	14,552	9,000	3,722	1,830	14,552
Total exporting countries .....	14,794	42,240	735	57,769	26,561	18,838	12,370	57,769

See footnotes at end of table.

Table 104.—Cotton: Supply and distribution, by countries, 1978-79—Continued

Country	Beginning stocks Aug. 1 <sup>1</sup>	Production	Imports	Total supply	Consumption <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distribution
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
Importing countries:								
Canada .....	26		255	281	255		26	281
Chile .....	14		120	134	105		29	134
Other Western Hemisphere .....	49	152	119	320	258	28	34	320
Austria .....	26		96	122	100		22	122
Belgium .....	42		156	198	156		42	198
Finland .....	17		55	72	55		17	72
France .....	218		801	1,019	755	68	196	1,019
Germany, Fed. Rep. of .....	374		815	1,189	762	64	363	1,189
Italy .....	296	2	1,020	1,318	984		334	1,318
Netherlands .....	21		120	141	125		16	141
Portugal .....	180		475	655	469		186	655
Spain .....	257	126	328	711	558		153	711
Sweden .....	30		24	54	28		26	54
Switzerland .....	133		222	355	211	3	141	355
United Kingdom .....	215		430	645	440	27	178	645
Yugoslavia .....	137	5	482	624	510		114	624
Other Europe .....	19		51	70	50		20	70
Australia .....	144	243	8	395	104	105	186	395
Hong Kong .....	415		828	1,243	900	55	288	1,243
India .....	1,170	6,260	24	7,454	5,680	195	1,579	7,454
Japan .....	836		3,382	4,218	3,325	32	861	4,218
Korea, Rep. of .....	356	9	1,272	1,637	1,245		392	1,637
Philippines .....	21	4	147	172	142		30	172
China, Taiwan .....	424		855	1,279	1,010		269	1,279
Other Asia .....	297	219	1,393	1,909	1,545	33	331	1,909
Ethiopia .....	41	100		141	95	5	41	141
South Africa .....	172	238	23	433	247	20	166	433
Other Africa .....	101	90	202	393	277	32	84	393
Total "free world countries above" .....	6,031	7,448	13,703	27,182	20,391	667	6,124	27,182
Communist importing countries .....	3,512	10,065	5,375	18,952	15,900	50	3,002	18,952
Total importing countries .....	9,543	17,513	19,078	46,134	36,291	717	9,126	46,134
World total .....	24,337	59,753	19,813	103,903	62,852	19,555	21,496	103,903
Foreign Free World (all countries) .....	13,483	26,575	14,134	54,192	31,884	9,603	12,705	54,192

<sup>1</sup> Estimates for Southern Hemisphere countries include unginced cotton.<sup>2</sup> Includes cotton destroyed or unaccounted for.<sup>3</sup> Bales of 480 pounds net (500 pounds gross).<sup>4</sup> Running bales except imports, which are in bales of 480 pounds net.<sup>5</sup> Includes pre-season ginnings.<sup>6</sup> Imports for consumption.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 105.—Silk and vegetable fibers (except cotton): United States imports for consumption, by country of origin, 1978 and 1979

Commodity imported and country of origin	1978	1979 <sup>1</sup>	Commodity imported and country of origin	1978	1979 <sup>1</sup>
Raw silk: <sup>2</sup>	1,000 pounds	1,000 pounds	Abaca or manila:	Tons	Tons
Brazil .....	182	193	Ecuador .....	8,219	8,079
China, Mainland .....	466	568	Philippines .....	13,866	16,505
Hong Kong .....	28	.....	Other countries .....	.....	119
Other countries .....	14	12	Total .....	22,085	24,703
Total .....	690	773	Sisal and henequen:		
Waste and advanced waste: <sup>3</sup>			Brazil .....	7,935	4,906
Japan .....	918	602	Haiti .....	90	288
India .....	107	.....	Kenya .....	1,304	1,937
China, Mainland .....	141	179	Mexico .....	372	200
Korea, Rep. of .....	119	.....	Mozambique .....	.....	600
Other countries .....	14	11	Tanzania .....	702	258
Total .....	1,299	792	Other countries .....	239	94
Flax unmanufactured: <sup>4</sup>	Tons	Tons	Total .....	10,642	8,283
Belgium and Luxembourg .....	454	429	Istle or tampico, unmanufactured:		
Total .....	454	429	Mexico .....	4,022	7,812
Hemp, unmanufactured:			Other countries .....	5	74
Philippines .....	149	36	Total .....	4,027	7,886
Total .....	149	36	Coir, unmanufactured:		
Broomcorn:			India .....	172	739
Mexico .....	10,502	9,124	Mexico .....	243	418
Other countries .....	15	10	Sri Lanka .....	9,323	8,978
Total .....	10,517	9,134	Other countries .....	10	402
Jute and jute butts, unmanufactured:			Total .....	9,748	10,537
Bangladesh .....	4,530	7,395	Other vegetable fiber: <sup>5</sup>		
India .....	3,775	2,541	Brazil .....	.....	41
Thailand .....	6,805	10,050	India .....	26	7
Other countries .....	1,889	1,975	Malagasy Republic .....	66	.....
Total .....	16,999	21,961	Thailand .....	14	1,510
Kapok:			Other countries .....	1	5
Indonesia .....	41	22	Total .....	107	1,563
Thailand .....	6,198	4,899			
Other Asia .....	40	112			
Total .....	6,279	5,033			

<sup>1</sup> Preliminary.<sup>2</sup> Includes wild or tussah, and raw silk in skeins.<sup>3</sup> Silk waste, noils, and cocoons.<sup>4</sup> Includes all classes; weight added without conversion to an equivalent fiber basis.<sup>5</sup> TSUSA Number 3045600.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 106.—Silk and vegetable fibers (except cotton): Imports for consumption, United States, 1965-79

Year	Silk		Vegetable fibers, unmanufactured							
	Raw <sup>1</sup>	Waste <sup>2</sup>	Flax <sup>3</sup>	Hemp <sup>3</sup>	Jute and jute butts	Abaca or manila	Sisal and henequen	Istle or tam-pico	Kapok	Other fibers <sup>4</sup>
	1,000 pounds	1,000 pounds	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1965 .....	3,639	2,665	2,577	65	42,143	35,232	88,250	1,280	13,399	10,151
1966 .....	3,510	1,113	4,567	89	51,875	33,940	80,198	346	13,191	13,131
1967 .....	2,506	284	3,758	60	43,785	27,898	68,085	503	14,538	14,215
1968 .....	2,194	1,789	3,734	110	50,566	22,016	75,173	591	18,060	17,658
1969 .....	1,906	1,408	1,563	70	34,284	21,732	54,811	406	9,955	16,566
1970 .....	919	927	1,581	0	29,625	21,492	59,577	629	11,703	16,587
1971 .....	290	1,408	1,306	46	17,435	16,433	61,853	180	12,332	16,450
1972 .....	553	1,586	1,145	35	13,393	21,338	49,993	153	11,214	20,216
1973 .....	562	2,780	1,092	18	31,352	20,856	32,382	164	13,784	23,559
1974 .....	423	2,165	988	0	28,311	37,094	10,278	364	10,281	25,905
1975 .....	561	407	1,921	18	21,260	18,566	8,841	729	6,333	25,350
1976 .....	725	1,928	243	0	20,953	22,239	14,465	96	7,499	23,972
1977 .....	381	1,240	57	38	12,859	26,662	12,038	236	5,794	28,289
1978 .....	690	1,299	454	149	16,999	22,085	10,642	4,027	6,280	23,850
1979 <sup>5</sup> .....	773	792	429	36	21,961	24,702	8,283	7,886	5,033	21,543

<sup>1</sup> Includes wild or tussah, and raw silk in skeins.<sup>2</sup> Silk waste, noils, and cocoons.<sup>3</sup> Includes weights of all classes added without conversion to an equivalent fiber basis.<sup>4</sup> Includes broomcorn, crin vegetal, coir, crude straw, flax straw, ramie, sunn, and other vegetable fibers.<sup>5</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 107.—Sugarbeets: Area, yield, production, season average price per ton received by farmers, value, and sugar production, United States, 1965-79<sup>1</sup>

Year	Area		Yield per harvested acre	Production	Price <sup>2</sup>	Value of production	Sugar production	
	Planted	Harvested					Raw value	Refined basis <sup>3</sup>
	1,000 acres	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons
1965 .....	1,314.4	1,248.5	16.8	20,918	11.90	249,875	2,894	2,705
1966 .....	1,240.1	1,161.1	17.5	20,342	12.80	260,355	2,828	2,643
1967 .....	1,197.2	1,122.1	17.1	19,197	13.50	260,115	2,636	2,464
1968 .....	1,476.1	1,410.1	18.0	25,363	13.80	350,207	3,483	3,255
1969 .....	1,647.1	1,540.5	18.0	27,736	12.70	352,868	3,330	3,112
1970 .....	1,478.4	1,413.3	18.7	26,378	14.80	391,567	3,401	3,179
1971 .....	1,406.3	1,341.9	20.2	27,096	15.40	416,279	3,552	3,320
1972 .....	1,419.7	1,328.7	21.4	28,410	16.00	455,830	3,624	3,387
1973 .....	1,280.1	1,217.5	20.1	24,499	29.60	725,661	3,200	2,990
1974 .....	1,251.5	1,212.6	18.2	22,123	46.80	1,035,567	2,916	2,725
1975 .....	1,595.0	1,516.6	19.6	29,704	27.60	820,743	4,019	3,756
1976 .....	1,525.4	1,478.8	19.9	29,386	21.00	616,813	3,895	3,640
1977 .....	1,272.6	1,216.2	20.6	25,007	24.20	604,399	3,108	2,905
1978 .....	1,304.0	1,268.6	20.3	25,725	25.20	648,221	3,289	3,074
1979 <sup>4</sup> .....	1,160.9	1,120.2	19.6	21,996	( <sup>5</sup> )	( <sup>5</sup> )	2,884	2,695

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in California.<sup>2</sup> Prices do not include Government payments under the Sugar Act.<sup>3</sup> Calculated on the basis that 1.07 tons of raw sugar is required to produce one ton of refined sugar.<sup>4</sup> Preliminary.<sup>5</sup> Not available.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 108.—Sugarbeets: Area, yield, and production, by States, 1977-79<sup>1</sup>

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ariz .....	12.9	15.7	11.8	12.8	15.0	11.4	22.3	20.5	19.2	285	308	219
Calif .....	227.0	203.1	225.0	217.0	193.4	214.0	26.1	24.2	26.8	5,664	4,682	5,731
Colo .....	77.0	89.0	76.0	72.0	84.0	73.0	19.5	18.3	18.6	1,404	1,538	1,358
Idaho .....	115.4	134.6	131.4	107.4	132.3	126.3	19.5	20.9	22.2	2,094	2,765	2,804
Kans .....	26.0	28.0	13.0	24.0	26.0	11.4	16.7	17.0	18.7	401	442	213
Mich .....	92.3	93.0	92.0	85.5	91.5	89.0	21.0	19.3	17.5	1,796	1,770	1,558
Minn .....	264.0	265.0	249.0	260.0	263.0	244.0	18.2	18.9	15.5	4,732	4,971	3,782
Mont .....	46.4	45.4	44.1	45.0	44.7	43.4	19.9	19.8	19.1	896	885	829
Nebr .....	75.0	79.0	77.0	67.7	76.0	73.0	20.0	18.0	20.0	1,354	1,368	1,460
N. Mex .....	1.3	2.1	2.2	1.2	1.8	2.0	19.2	20.6	15.0	23	37	80
N. Dak .....	157.8	156.2	145.3	155.2	155.2	143.1	17.8	19.7	16.1	2,769	3,054	2,304
Ohio .....	24.9	24.5	15.3	22.5	23.3	13.7	20.3	16.9	19.4	457	394	266
Oreg .....	8.9	9.1	6.9	8.2	8.9	6.7	25.1	22.8	26.1	206	203	175
Tex .....	19.9	27.9	21.4	17.9	23.6	19.5	17.3	17.5	17.0	309	414	332
Utah .....	10.4	12.7	1.6	9.8	12.6	1.5	17.7	17.9	19.4	173	225	29
Wash .....	63.9	69.2	0	61.6	68.5	0	24.3	25.5	0	1,495	1,747	0
Wyo .....	49.5	49.5	48.9	48.4	48.8	48.2	19.6	18.9	18.8	949	922	906
U.S .....	1,272.6	1,304.0	1,160.9	1,216.2	1,268.6	1,120.2	20.6	20.3	19.6	25,007	25,725	21,996

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in California.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 109.—Sugarbeets: Production and value, by States, crop of 1978 (preliminary)<sup>1</sup>

State	Production	Season average price per ton received by farmers	Value of production	State	Production	Season average price per ton received by farmers	Value of production
	1,000 tons	Dollars	1,000 dollars		1,000 tons	Dollars	1,000 dollars
Ariz .....	308	25.00	7,700	N. Dak .....	3,054	22.90	69,937
Calif .....	4,682	25.80	120,796	Ohio .....	394	25.10	9,889
Colo .....	1,538	27.60	42,449	Oreg .....	203	26.00	5,278
Idaho .....	2,765	27.70	76,591	Tex .....	414	24.50	10,143
Kans .....	442	21.50	9,503	Utah .....	225	29.00	6,525
Mich .....	1,770	23.50	41,595	Wash .....	1,747	26.80	46,820
Minn .....	4,971	21.80	108,368	Wyo .....	922	29.50	27,199
Mont .....	885	29.90	26,462	U.S .....	25,725	25.20	648,221
Nebr .....	1,368	27.80	38,030				
N. Mex .....	37	25.30	936				

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in California.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 110.—Sugarbeet seed: Area, yield, production, average price per pound received by farmers, and value, United States, 1965–79

Year	Area harvested	Yield per acre	Production	Average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cents</i>	<i>1,000 dollars</i>
1965 .....	3,296	2,833	93,363	18.13	1,693
1966 .....	4,741	2,932	139,020	18.34	2,549
1967 .....	3,503	2,438	85,412	18.38	1,570
1968 .....	3,100	2,244	69,553	18.68	1,299
1969 .....	5,550	2,548	141,427	18.47	2,612
1970 .....	5,907	2,575	152,076	18.59	2,828
1971 .....	4,016	2,620	105,224	19.34	2,035
1972 .....	3,318	2,446	81,166	19.07	1,548
1973 .....	2,832	2,968	84,059	20.28	1,705
1974 .....	1,983	2,556	50,685	21.67	1,099
1975 .....	4,625	2,437	112,729	34.46	3,885
1976 .....	6,748	2,630	177,494	38.55	6,842
1977 .....	4,915	2,726	133,985	38.26	5,126
1978 .....	3,153	2,266	71,443	37.12	2,652
1979 .....	3,074	2,374	72,964	36.00	2,627

Science and Education Administration. Data on domestic production compiled from reports furnished by beet sugar companies and their subsidiaries, and by others engaged in sugarbeet seed production.

Table 111.—Sugarbeet seed: Area, yield, and production, by States, 1977–79<sup>1</sup>

State	Area harvested			Yield per acre			Production		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Cwt.</i>
Ariz .....	281	284	0	4,059	3,515	0	11,406	9,983	0
Nev .....	54	0	0	2,331	0	0	1,259	0	0
N. Mex .....	224	0	0	1,453	0	0	3,255	0	0
Oreg .....	4,136	2,692	2,750	2,733	2,139	2,455	113,025	57,583	67,519
Utah .....	220	177	324	2,291	2,190	1,682	5,040	3,877	5,445
Other .....	0	0	0	0	0	0	0	0	0
All States ....	4,915	3,153	3,074	2,726	2,266	2,374	133,985	71,443	72,964

<sup>1</sup> Commercial seed production from fall plantings overwintered in the field.

<sup>2</sup> All seed monogerm and hybrid.

Science and Education Administration. Compiled from reports furnished by beet sugar companies and their subsidiaries and by others engaged in sugarbeet seed production.

Table 112.—Sugarbeets: Area, yield, and production in specified countries, 1977-79

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada .....	26	25	24	33.8	27.4	25.0	880	686	600
United States .....	492	513	453	46.1	45.5	44.0	22,686	23,328	19,955
Total .....	518	538	477	45.5	44.6	43.1	23,566	24,014	20,555
South America:									
Chile .....	21	15	14	38.3	44.1	35.2	805	661	493
Uruguay .....	20	22	20	31.4	20.4	20.0	627	450	400
Total .....	41	37	34	34.9	30.0	26.3	1,432	1,111	893
Europe:									
Belgium and Luxembourg .....	94	113	116	47.0	46.8	49.1	4,421	5,284	5,700
Denmark .....	85	81	76	41.5	40.0	42.1	3,530	3,240	3,200
France .....	542	523	513	46.8	43.8	46.8	25,388	22,920	24,000
Germany, Fed. Rep. of	434	412	406	44.9	44.7	44.8	19,500	18,400	18,200
Ireland .....	36	35	35	41.2	40.9	38.6	1,483	1,431	1,350
Italy .....	238	252	275	46.8	46.8	45.5	11,150	11,800	12,500
Netherlands .....	129	130	130	46.5	46.2	44.6	6,000	6,000	5,800
United Kingdom .....	215	209	214	35.0	39.0	33.6	7,525	8,150	7,200
Total EC .....	1,773	1,755	1,765	44.6	44.0	44.2	78,997	77,225	77,950
Austria .....	56	44	45	48.6	42.5	42.2	2,721	1,869	1,900
Finland .....	27	31	33	29.6	27.7	22.3	800	860	735
Spain .....	253	231	170	31.6	31.6	21.9	8,000	7,304	5,760
Sweden .....	54	52	51	40.9	41.6	43.2	2,212	2,161	2,204
Switzerland .....	12	13	14	50.0	48.4	47.1	600	629	660
Total Western Europe .....	2,175	2,126	2,078	42.9	42.4	42.9	93,330	90,048	89,209
Bulgaria .....	71	72	65	24.7	22.9	27.0	1,751	1,650	1,755
Czechoslovakia .....	220	219	220	36.8	32.9	36.4	8,100	7,200	8,000
German Dem. Rep. ....	283	263	260	24.7	29.3	30.8	7,000	7,700	8,000
Hungary .....	125	122	120	32.0	34.4	33.3	4,000	4,200	4,000
Poland .....	550	528	483	29.1	29.6	27.7	16,000	15,655	13,400
Romania .....	225	249	250	22.2	233	24.0	5,000	5,800	6,000
Yugoslavia .....	121	126	140	43.8	40.9	44.3	5,300	5,150	6,200
Total Eastern Europe .....	1,595	1,579	1,538	29.6	30.0	30.7	47,151	47,355	47,355
Total Europe .....	3,770	3,705	3,616	37.3	37.1	37.7	140,481	137,403	136,564
Soviet Union .....	3,760	3,730	3,650	22.6	22.5	20.8	85,000	84,000	76,000
Asia:									
Japan .....	49	58	59	45.4	46.8	45.8	2,223	2,714	2,700
Turkey .....	248	277	310	35.5	35.5	28.5	8,800	9,829	8,824
Total .....	297	335	369	37.1	37.4	31.2	11,023	12,543	11,524
Grand total .....	8,386	8,345	8,146	31.2	31.0	30.1	261,502	259,071	245,536

<sup>1</sup> Preliminary.<sup>2</sup> Quantity processed.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 113.—Sugarcane for sugar and seed: Area, yield, production, value, and production of cane sugar and molasses, United States, 1965-79<sup>1</sup>

Year <sup>2</sup>	Area harvested			Yield of cane per acre			Production		
	For sugar	For seed	Total	For sugar	For seed	For sugar and seed	For sugar	For seed	Total
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
1965 .....	583.3	33.7	617.0	39.1	26.1	38.4	22,785	878	23,663
1966 .....	590.2	35.0	625.2	40.0	26.4	39.2	23,590	925	24,515
1967 .....	596.2	31.4	627.6	43.1	30.3	42.5	25,699	952	26,651
1968 .....	577.3	28.5	605.8	41.6	28.1	41.0	24,025	800	24,825
1969 .....	502.8	32.8	535.6	43.2	27.5	42.2	21,714	901	22,615
1970 .....	551.1	32.8	583.9	41.8	28.7	41.1	23,055	941	23,996
1971 .....	606.7	41.4	648.1	38.1	24.8	37.3	23,145	1,027	24,172
1972 .....	664.3	37.5	701.8	41.0	29.1	40.4	27,239	1,093	28,332
1973 .....	703.0	38.0	741.0	35.5	23.8	34.9	24,924	903	25,827
1974 .....	689.9	44.2	734.1	34.8	25.1	34.2	24,031	1,109	25,140
1975 .....	734.7	39.3	774.0	37.2	26.4	36.6	27,306	1,038	28,344
1976 .....	704.0	43.0	747.0	38.2	27.9	37.6	26,919	1,201	28,120
1977 .....	719.3	40.1	759.4	35.8	27.4	35.3	25,730	1,100	26,830
1978 .....	699.8	43.9	743.7	35.5	26.8	35.0	24,821	1,176	25,997
1979 <sup>3</sup> .....	691.9	41.1	733.0	38.4	26.6	37.8	26,587	1,094	27,681

Year <sup>2</sup>	Season average price per ton received by farmers <sup>4</sup>	Value of production		Sugar production			Molasses
		Of cane used for sugar	Of cane used for sugar and seed	Raw value <sup>5</sup>		Refined basis <sup>6</sup>	
				Total	Per ton of cane		
	Dollars	1,000 dollars	1,000 dollars	1,000 tons	Pounds	1,000 tons	1,000 gallons
1965 .....	7.82	94,329	99,665	2,322	204	2,170	145,674
1966 .....	8.74	110,470	116,793	2,448	208	2,287	145,201
1967 .....	9.38	137,610	144,639	2,648	206	2,475	161,091
1968 .....	9.37	119,435	125,198	2,447	204	2,286	152,589
1969 .....	9.97	108,380	115,534	2,254	208	2,107	134,458
1970 .....	10.50	132,045	139,688	2,416	210	2,258	141,193
1971 .....	11.10	138,617	147,834	2,436	211	2,277	144,812
1972 .....	11.60	201,639	211,724	2,740	201	2,561	180,553
1973 .....	20.90	319,503	333,061	2,549	205	2,333	167,486
1974 .....	48.50	724,509	771,091	2,512	212	2,347	156,355
1975 .....	19.60	349,622	366,370	2,934	214	2,743	178,988
1976 .....	13.70	243,703	257,242	2,724	202	2,545	180,730
1977 .....	18.50	310,017	327,146	2,684	209	2,508	164,894
1978 .....	19.40	310,205	320,469	2,612	210	2,441	161,810
1979 <sup>3</sup> .....	(7)	(7)	(7)	2,693	203	2,517	167,584

<sup>1</sup>Includes Hawaii for area harvested, yield per acre, production of sugarcane for sugar, and sugar production; includes molasses production for Hawaii. Also includes Hawaii from 1965 to date for area harvested, yield, and production of sugarcane for seed. Price and value for Hawaii not included.

<sup>2</sup>The growth of 9 months in Louisiana, 12 months in Florida, and 18-24 months in Hawaii. Sugarcane harvest usually ends by December or early January in Louisiana; in Florida, by March following the season of growth; and, in Hawaii, the harvest takes place throughout the year.

<sup>3</sup>Preliminary.

<sup>4</sup>Prices do not include Government payments under the Sugar Act.

<sup>5</sup>Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

<sup>6</sup>Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

<sup>7</sup>Not available.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 114.—Sugarcane for sugar and seed: Area, yield, production, and production of cane sugar and molasses, by States, 1977-79**

State		Sugarcane for sugar and seed <sup>1</sup>											
		Area harvested			Yield of cane per acre			Cane production					
		1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>			
		<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>			
For sugar:													
Fla .....		285.0	300.0	315.0	29.8	30.5	33.8	8,498	9,160	10,647			
Hawaii .....		96.8	99.4	102.4	92.9	93.2	98.1	8,994	9,263	10,045			
La .....		304.0	268.0	243.0	23.9	20.3	20.5	7,265	5,449	4,981			
Tex .....		33.5	32.4	31.5	29.2	29.3	29.0	978	949	914			
U.S .....		719.3	699.8	691.9	35.8	35.5	38.4	25,730	24,821	26,587			
For seed:													
Fla .....		15.0	16.0	12.0	31.8	33.8	35.7	477	541	428			
Hawaii .....		6.7	6.5	6.6	27.2	30.5	30.4	182	198	201			
La .....		18.0	21.0	22.0	23.9	20.3	20.5	430	426	451			
Tex .....		.4	.4	.5	27.5	27.5	28.0	11	11	14			
U.S .....		40.1	43.9	41.1	27.4	26.8	25.6	1,100	1,176	1,094			
For sugar and seed:													
Fla .....		300.0	316.0	327.0	29.9	30.7	33.9	8,970	9,701	11,075			
Hawaii .....		103.5	105.9	109.0	88.7	89.3	94.0	9,176	9,461	10,246			
La .....		322.0	289.0	265.0	23.9	20.3	20.5	7,695	5,875	5,432			
Tex .....		33.9	32.8	32.0	29.2	29.3	29.0	989	960	928			
U.S .....		759.4	743.7	733.0	35.3	35.0	37.8	26,830	25,997	27,681			
Products of cane harvested for sugar													
State		Sugar per ton of cane (raw value <sup>3</sup> )			Sugar produced (raw value <sup>3</sup> )			Equivalent refined <sup>4</sup>			Molasses <sup>5</sup>		
		1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
		<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Fla., La., and Tex .....		197	203	197	1,650	1,583	1,633	1,542	1,479	1,526	114,830	106,730	112,370
Hawaii .....		230	222	211	1,034	1,029	1,060	966	962	991	<sup>6</sup> 50,564	<sup>6</sup> 55,080	<sup>6</sup> 55,214
U.S .....		209	210	203	2,684	2,612	2,693	2,508	2,441	2,517	164,894	161,810	167,584

<sup>1</sup> The growth of 9 months in Louisiana, 12 months in Florida, and 18-24 months in Hawaii. Sugar campaign usually ends by December or early January in Louisiana; in Florida, by March following the season of growth; and, in Hawaii, the harvest takes place throughout the year.

<sup>2</sup> Preliminary.

<sup>3</sup> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

<sup>4</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

<sup>5</sup> Blackstrap (80° Brix), high-test molasses from frozen cane, and edible molasses.

<sup>6</sup> 85° brix.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 115.—Sugarcane for sugar and seed: <sup>1</sup> Production and value, by States, crop of 1978 (preliminary)**

State	Sugar			Sugar and seed: Value of production <sup>2</sup>
	Production	Price per ton	Value of production	
	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Fla .....	9,701	20.50	187,780	198,871
La .....	5,875	18.90	102,986	111,038
Tex .....	960	11.00	10,439	10,560
Total .....	16,536	19.40	301,205	320,469

<sup>1</sup> Excludes Hawaii.

<sup>2</sup> Price per ton of cane for sugar used in evaluating value of production for seed.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 116.—Sugarcane, sugar, and molasses: Area, yield, and production in Republic of the Philippines, 1965–79

Crop year <sup>1</sup>	Sugarcane				Sugar produced			Molasses production
	Area		Production for centrifugal sugar		Centrifugal	Muscovado and panocha	Centrifugal sugar made per ton sugarcane	
	Total <sup>2</sup>	Harvested for centrifugal sugar	Yield per hectare <sup>3</sup>	Total <sup>4</sup>				
	1,000 hectares	1,000 hectares	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	Kilograms	Metric tons
1965 .....	352	328	43.37	14,225	1,603	57	113	423,000
1966 .....	320	293	45.33	13,281	1,442	56	109	450,000
1967 .....	313	288	53.05	15,278	1,558	56	102	443,430
1968 .....	308	286	54.24	15,512	1,595	57	103	502,875
1969 .....	343	321	51.24	16,448	1,596	59	97	566,670
1970 .....	388	366	58.57	21,437	1,927	60	90	809,863
1971 .....	461	442	52.69	23,287	2,058	46	88	881,034
1972 .....	459	440	44.30	19,491	1,869	49	96	680,874
1973 .....	461	441	51.42	22,676	2,424	54	107	836,000
1974 .....	465	445	58.62	26,085	2,643	54	101	955,000
1975 .....	530	510	48.27	24,616	2,466	54	100	890,000
1976 .....	543	525	55.29	29,025	2,875	54	99	1,050,000
1977 .....	508	492	55.33	27,220	2,750	53	101	940,000
1978 .....	520	503	44.71	22,487	2,397	54	107	808,000
1979 <sup>5</sup> .....	450	429	52.45	22,500	2,347	63	104	873,000

<sup>1</sup>Harvesting begins in October, the length of the growing season being about 11 months.<sup>2</sup>Total harvested area includes area for both centrifugal and non-centrifugal sugar.<sup>3</sup>Cane production divided by harvested area.<sup>4</sup>Cane production as reported.<sup>5</sup>Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 117.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States, 1965–79

Year	Production	Visible stocks beginning of period	Receipts from—		Commercial exports and shipments <sup>2</sup>	Domestic disappearance		
			Foreign sources	Territories <sup>1</sup>		Livestock feed and alcohol <sup>3</sup>	Military and civilian use <sup>4</sup>	Per capita consumption (refined) <sup>4</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds
1965 .....	5,370	2,794	4,027	834	89	41	10,080	97.0
1966 .....	5,279	2,805	4,495	717	65	79	10,235	97.3
1967 .....	5,297	2,758	4,804	705	72	199	10,474	98.5
1968 .....	5,627	2,941	5,130	504	79	82	10,656	99.2
1969 .....	5,482	3,043	4,886	342	82	68	10,950	101.0
1970 .....	5,874	2,869	5,296	353	66	83	11,163	101.8
1971 .....	5,815	2,835	5,587	144	89	61	11,345	102.4
1972 .....	6,015	2,823	5,459	149	50	62	11,487	102.8
1973 .....	6,061	2,823	5,329	79	26	31	11,429	101.5
1974 .....	5,662	2,646	5,770	157	72	8	10,945	96.5
1975 .....	6,300	2,854	3,882	96	216	6	10,302	90.2
1976 .....	6,798	2,856	4,658	203	76	0	10,893	94.6
1977 .....	6,089	3,498	6,138	102	22	0	11,099	95.7
1978 .....	5,602	4,491	4,683	52	16	4	10,889	93.1
1979 <sup>5</sup> .....	5,872	3,754	5,000	100	15	0	10,761	91.3

<sup>1</sup>Includes inshipments from Puerto Rico (and from Virgin Islands 1964–66).<sup>2</sup>Includes sugar used in manufacture of exported commodities.<sup>3</sup>Includes use for alcohol, beginning 1964.<sup>4</sup>Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers.<sup>5</sup>Estimated.

Economics, Statistics, and Cooperatives Service—Economics.

Table 118.—Sugar: Production in specified countries, 1977–79<sup>1</sup>

Continent or Country	1977	1978	1979 <sup>2</sup>	Continent and country	1977	1978	1979 <sup>2</sup>
CENTRIFUGAL SUGAR (raw value) <sup>3</sup>	1,000 metric tons	1,000 metric tons	1,000 metric tons	CENTRIFUGAL SUGAR (raw value) <sup>3</sup> —Continued	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America (cane):				Europe (beet unless otherwise indicated)— Continued			
Barbados .....	104	117	115	Albania .....	21	21	21
Belize .....	93	114	100	Bulgaria .....	275	275	265
Canada (beet) .....	147	125	114	Czechoslovakia .....	924	970	1,000
Costa Rica .....	191	195	203	German Dem. Rep. ....	782	700	725
Cuba .....	7,200	7,000	6,500	Hungary .....	469	530	550
Dominican Republic ..	1,164	1,190	1,200	Poland .....	1,819	1,736	1,587
El Salvador .....	293	273	250	Romania .....	609	650	700
Guadeloupe .....	87	96	107	Yugoslavia .....	738	765	840
Guatemala .....	410	376	425				
Haiti .....	52	65	70	Total Eastern Europe ..	5,637	5,647	5,688
Honduras .....	131	159	185				
Jamaica .....	306	358	350	Total Europe .....	20,825	20,854	20,064
Martinique .....	13	21	16				
Mexico .....	3,029	3,058	3,100	Soviet Union .....	8,825	9,000	8,500
Nicaragua .....	214	212	214				
Panama .....	175	225	220	Africa (cane):			
St. Kitts .....	36	40	38	Angola .....	60	65	65
Trinidad and Tobago ..	148	144	163	Egypt .....	667	657	670
United States:				Ethiopia .....	150	165	170
Continental (beet) .....	2,820	2,945	2,631	Kenya .....	194	259	337
Continental (cane) .....	1,497	1,441	1,387	Malagasy Republic .....	110	112	115
Hawaii .....	934	1,002	962	Mauritius .....	705	705	745
Puerto Rico .....	185	174	164	Morocco .....	271	375	375
				Mozambique .....	260	250	250
Total North America ..	19,229	19,330	18,514	Reunion .....	261	286	278
				South Africa .....	2,211	2,210	2,228
South America (cane unless otherwise indicated):				Swaziland .....	238	257	274
Argentina .....	1,665	1,387	1,400	Tanzania .....	101	130	162
Bolivia .....	277	314	277	Uganda .....	15	10	12
Brazil .....	8,863	7,758	6,950	Zaire .....	58	52	57
Chile (beet) .....	121	95	73	Zimbabwe .....	275	275	280
Colombia .....	915	1,052	1,052	Other Africa <sup>4</sup> .....	596	609	653
Ecuador .....	295	353	393				
Guyana .....	253	334	350	Total Africa .....	6,172	6,417	6,671
Paraguay .....	77	84	85				
Peru .....	881	720	800	Asia (cane unless otherwise indicated):			
Surinam .....	10	11	12	Burma .....	130	130	135
Uruguay (beet and cane) ..	113	93	80	China:			
Venezuela .....	325	325	375	Mainland (cane and beet) .....	2,450	2,675	2,550
				Taiwan .....	768	891	890
Total South America .....	13,795	12,526	11,847	India .....	8,217	7,343	6,524
				Indonesia .....	1,125	1,159	1,325
Europe (beet unless otherwise indicated):				Iran (beet and cane) .....	686	683	640
Belgium and Luxembourg ..	798	888	875	Japan (beet and cane) <sup>5</sup> ..	630	693	697
Denmark .....	558	435	439	Pakistan .....	922	653	749
France .....	4,268	4,065	4,174	Philippines .....	2,397	2,347	2,383
Germany, Fed. Rep. of .....	3,076	2,998	2,930	Thailand .....	1,584	1,828	1,260
Ireland .....	183	201	180	Turkey (Europe and Asia) (beet) .....	1,065	1,079	1,070
Italy .....	1,389	1,616	1,623	Other Asia (cane and beet) <sup>6</sup> .....	476	449	468
Netherlands .....	890	1,019	856				
United Kingdom .....	1,032	1,113	1,200	Total Asia .....	20,450	19,930	18,691
Total EC .....	12,194	12,335	12,277	Oceania (cane):			
				Australia .....	3,322	2,965	2,975
Austria .....	520	375	382	Fiji .....	361	347	400
Finland .....	75	104	109				
Greece .....	295	351	353	Total Oceania .....	3,683	3,312	3,375
Portugal:							
Azores and Madeira .....	11	10	10				
Spain(cane and beet) .....	1,183	1,105	814	World total (cane) .....	57,472	55,448	53,400
Sweden .....	326	322	321	World total (beet) .....	35,007	35,421	34,262
Switzerland .....	84	105	110				
				World total (cane and beet) .....	92,479	90,869	87,662
Total Western Europe .....	14,688	14,707	14,376				

See footnotes at end of table.



Table 118.—Sugar: Production in specified countries, 1977-79<sup>1</sup>—Continued

Continent and country	1977	1978	1979 <sup>2</sup>	Continent and country	1977	1978	1979 <sup>2</sup>
NON-CENTRIFUGAL SUGAR (as produced) <sup>1</sup>	1,000 metric tons	1,000 metric tons	1,000 metric tons	NON-CENTRIFUGAL SUGAR (as produced) <sup>1</sup> —Continued	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Asia:			
Costa Rica .....	45	48	50	Burma .....	140	140	140
El Salvador .....	10	12	12	China:			
Guatemala .....	36	35	35	Mainland .....	830	860	800
Mexico .....	50	55	50	Taiwan .....	42	40	38
Nicaragua .....	10	10	10	India .....	6,800	6,800	7,300
Panama .....	3	3	3	Indonesia .....	225	225	200
Total .....	154	163	160	Japan <sup>2</sup> .....	12	11	14
South America:				Pakistan .....	1,450	1,550	1,200
Brazil .....	200	200	200	Philippines .....	60	68	74
Colombia .....	818	910	920	Thailand .....	600	650	750
Ecuador .....	45	50	55	Vietnam .....	11	10	10
Peru .....	13	15	15	Total .....	10,170	10,354	10,526
Venezuela .....	40	42	45	Total of above countries	11,440	11,734	11,921
Total .....	1,116	1,217	1,235				

<sup>1</sup>Crop years are on a September/August basis, (year shown is the beginning year) but include the outturn of sugar from harvests of several Southern Hemisphere countries which begin prior to September.

<sup>2</sup>Preliminary.

<sup>3</sup>Centrifugal sugar, as distinguished from non-centrifugal, includes cane and beet sugar produced by the centrifugal process, which is the principal kind moving in international trade.

<sup>4</sup>"Other Africa" includes Afars-Issas, Algeria, Cameroon, Congo, Ghana, Ivory Coast, Mali, Malawi, Nigeria, Senegal, Somali Republic, Sudan, Tunisia, and Zambia.

<sup>5</sup>Since Jan. 1, 1972, includes Ryukyu Islands.

<sup>6</sup>"Other Asia" includes Afghanistan, Bangladesh, Iraq, Israel, Lebanon, Malaysia, Nepal, Sri Lanka, Syria, and Vietnam.

<sup>7</sup>Non-centrifugal sugar includes all types of sugar produced by other than centrifugal process which is largely for consumption in the relatively few areas where produced. The estimates include such kinds known as piloncillo, panela, papelon, chancaca, rapadura, jaggery, gur, muscovado, panocha, etc.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 119.—Sugar, cane and beet (raw value): Imports and domestic marketings, by source of supply, continental United States, 1977-79<sup>1</sup>

Country or area of supply	1977	1978	1979 <sup>2</sup>	Country or area of supply	1977	1978	1979 <sup>2</sup>
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Argentina .....	267	271	235	Philippines .....	1,443	833	413
Australia .....	494	165	108	South Africa .....	274	60	89
Brazil .....	661	601	1,262	China, Taiwan .....	86	57	28
Belize .....	36	87	58	Other countries .....	688	795	828
Colombia .....	14	113	26	Total foreign countries .....	6,138	4,683	5,026
Costa Rica .....	95	78	80	Domestic areas:			
Dominican Republic .....	975	734	817	Mainland (beet) .....	3,509	3,198	3,191
Ecuador .....	55	37	82	Mainland (cane) .....	1,448	1,236	1,197
El Salvador .....	166	130	160	Hawaii .....	979	1,009	945
Fiji Islands .....	18	51	130	Puerto Rico .....	102	52	47
Guatemala .....	301	156	171	Texas (cane) .....	85	62	70
Haiti .....	6	11	11	Total domestic areas .....	6,123	5,557	5,450
India .....	.....	.....	.....	Grand total .....	12,261	10,240	10,476
Mexico .....	.....	53	60				
Nicaragua .....	120	108	122				
Panama .....	131	123	157				
Peru .....	314	225	189				

<sup>1</sup>Raw value is the equivalent in terms of 96° sugar.

<sup>2</sup>Preliminary.

Agricultural Marketing Service.

Table 120.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1965–80<sup>1</sup>

Item and year	Cane sugar refineries <sup>2</sup>	Beet sugar factories	Importers of direct consumption sugar <sup>3</sup>	Mainland cane sugar mills <sup>4</sup>	Total
JAN. 1 STOCKS <sup>5</sup>	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1965 .....	215	1,585	23	.....	1,823
1966 .....	208	1,603	24	.....	1,835
1967 .....	215	1,423	16	.....	1,654
1968 .....	249	1,335	32	.....	1,616
1969 .....	256	1,292	11	.....	1,559
1970 .....	251	1,321	9	.....	1,581
1971 .....	237	1,266	4	.....	1,507
1972 .....	255	1,258	1	.....	1,514
1973 .....	233	1,280	3	.....	1,516
1974 .....	257	1,130	1	.....	1,388
1975 .....	276	1,314	1	.....	1,591
1976 .....	233	1,490	0	.....	1,723
1977 .....	261	1,661	0	.....	1,922
1978 .....	312	1,580	85	.....	1,977
1979 .....	267	1,458	0	.....	1,725
1980 <sup>6</sup> .....	245	1,126	0	.....	1,371
PRODUCTION OR RECEIPTS					
1965 .....	6,368	2,845	207	.....	9,420
1966 .....	6,685	2,647	180	.....	9,512
1967 .....	6,868	2,551	302	.....	9,721
1968 .....	7,209	2,840	193	.....	10,242
1969 .....	6,874	3,034	147	.....	10,055
1970 .....	7,143	3,281	139	.....	10,563
1971 .....	7,324	3,205	108	.....	10,639
1972 .....	7,304	3,303	89	.....	10,696
1973 .....	7,358	3,133	73	.....	10,564
1974 .....	7,608	3,010	56	.....	10,674
1975 .....	6,183	3,246	82	.....	9,511
1976 .....	6,561	3,741	76	.....	10,378
1977 .....	7,078	3,199	258	.....	10,535
1978 .....	6,942	2,867	95	.....	9,904
1979 <sup>6</sup> .....	6,962	2,650	84	.....	9,696
DELIVERIES <sup>7</sup>					
1965 .....	6,374	2,827	206	65	9,472
1966 .....	6,678	2,826	187	55	9,746
1967 .....	6,834	2,639	286	54	9,813
1968 .....	7,201	2,883	214	48	10,346
1969 .....	6,879	3,005	148	49	10,081
1970 .....	7,158	3,336	144	57	10,695
1971 .....	7,306	3,213	111	51	10,681
1972 .....	7,326	3,281	87	70	10,764
1973 .....	7,334	3,282	75	81	10,772
1974 .....	7,590	3,326	56	54	10,526
1975 .....	6,237	3,068	83	65	9,453
1976 .....	6,534	3,572	76	15	10,197
1977 .....	7,026	3,280	172	17	10,495
1978 .....	6,987	2,989	180	18	10,174
1979 <sup>6</sup> .....	6,985	2,982	84	18	10,069

<sup>1</sup> All sugars converted to refined basis.<sup>2</sup> Includes Hawaiian sugar for direct consumption.<sup>3</sup> Includes Puerto Rican sugar for direct consumption.<sup>4</sup> Sugar for direct consumption only. Mainland cane sugar mills stocks and production not separately reported.<sup>5</sup> Stocks include sugar in bond and in customs custody and control.<sup>6</sup> Preliminary.<sup>7</sup> Includes deliveries for export, for livestock feed, and for use in alcohol.

Agricultural Marketing Service.

Table 121.—Sugar, cane (raw<sup>1</sup>): Refiners' raw stocks, receipts, meltings, and direct consumption deliveries, continental United States, 1965–80

Year	Jan. 1 stocks	Receipts <sup>2</sup>	Meltings	Deliveries for direct consumption
	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1965 .....	598	6,763	6,832	15
1966 .....	513	7,254	7,183	15
1967 .....	569	7,635	7,376	17
1968 .....	812	7,759	7,720	17
1969 .....	834	7,251	7,373	17
1970 .....	695	7,780	7,655	16
1971 .....	804	7,856	7,865	10
1972 .....	785	8,041	7,844	10
1973 .....	972	7,948	7,910	12
1974 .....	998	8,063	8,161	11
1975 .....	886	6,206	6,639	11
1976 .....	428	7,430	7,071	13
1977 .....	776	8,315	7,564	12
1978 .....	1,678	6,789	7,578	12
1979 .....	964	7,092	7,359	14
1980 <sup>3</sup> .....	564	.....	.....	.....

<sup>1</sup> Expressed in raw value, the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.<sup>2</sup> Receipts include refiners' total offshore raw sugar receipts in continental U.S. ports, whether entered through the customs or held pending availability of quota, and raw cane sugar produced from sugarcane in the continental United States.<sup>3</sup> Preliminary.

Agricultural Marketing Service.

Table 122.—Sugar, centrifugal (raw value): Stocks in specified countries, 1977–79

Country	Date <sup>1</sup>	Sugar-making season			Country	Date <sup>1</sup>	Sugar-making season		
		1977	1978	1979 <sup>2</sup>			1977	1978	1979 <sup>2</sup>
		1,000 metric tons	1,000 metric tons	1,000 metric tons			1,000 metric tons	1,000 metric tons	1,000 metric tons
Chile .....	Apr. 1	163	224	198	Ireland .....	Oct. 1	18	13	17
Colombia .....	May 1	41	113	75	Japan .....	Oct. 1	104	350	446
South Africa .....	May 1	173	44	276	Netherlands .....	Oct. 1	199	207	187
Argentina .....	June 1	116	149	289	Philippines .....	Oct. 1	1,607	1,290	1,110
Australia .....	June 1	534	383	577	Sweden .....	Oct. 1	127	140	136
Brazil .....	June 1	1,286	1,516	2,648	Switzerland .....	Oct. 1	32	95	94
Mauritius .....	June 1	78	85	112	United States and insular areas .....	Oct. 1	2,718	3,375	3,330
Ecuador .....	July 1	26	58	73	Uruguay .....	Oct. 1	74	79	63
Spain .....	July 1	290	686	819	El Salvador .....	Nov. 1	8	39	46
Greece .....	July 1	185	250	195	Guatemala .....	Nov. 1	62	67	90
Finland .....	Aug. 1	48	64	106	India .....	Nov. 1	732	1,448	3,683
Guyana .....	Aug. 1	18	41	2	Mexico .....	Nov. 1	198	134	123
Italy .....	Aug. 1	562	976	940	Thailand .....	Nov. 1	121	218	45
Turkey .....	Aug. 1	201	351	244	Egypt .....	Nov. 1	246	205	212
Canada .....	Sept. 1	204	279	212	Dominican Republic .....	Dec. 1	348	219	113
United Kingdom .....	Sept. 1	253	234	188	Barbados .....	Jan. 1	16	28	13
Venezuela .....	Sept. 1	21	122	124	Haiti .....	Jan. 1	3	4	3
Yugoslavia .....	Sept. 1	178	409	471	Jamaica .....	Jan. 1	9	32	39
Austria .....	Oct. 1	173	132	257	Nicaragua .....	Jan. 1	6	5	5
Belgium .....	Oct. 1	184	166	142	Peru .....	Jan. 1	83	93	104
Costa Rica .....	Oct. 1	14	15	7	Trinidad and Tobago .....	Jan. 1	7	5	5
Denmark .....	Oct. 1	142	131	138	Total .....	.....	12,820	15,990	19,631
France .....	Oct. 1	706	947	911					
Germany, Fed. Rep. of .....	Oct. 1	202	305	405					
Iran .....	Oct. 1	304	264	358					

<sup>1</sup> All stock carryover dates apply to the year shown, except Jan. 1 and Apr. 1, which apply to the following year.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 123.—Sugar, centrifugal (raw value): International trade, 1976–78

Continent and country	1976		1977		1978 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:						
Belize .....	58	.....	86	.....	117	.....
Canada .....	52	895	145	1,064	136	1,083
Costa Rica .....	69	5	74	(?)	87	(?)
El Salvador .....	130	.....	169	.....	133	.....
Guatemala .....	314	2	294	.....	153	.....
Honduras .....	7	.....	25	.....	23	.....
Mexico .....	13	.....	0	.....	74	.....
Nicaragua .....	154	.....	100	.....	104	.....
Panama .....	93	.....	119	.....	126	.....
United States .....	69	4,136	20	5,290	13	3,616
Caribbean:						
Barbados .....	84	.....	106	.....	89	.....
Cuba .....	5,764	.....	6,238	.....	7,231	.....
Dominican Republic .....	977	.....	1,117	.....	937	.....
Guadeloupe <sup>2</sup> .....	5	.....	.....	.....	.....	.....
Haiti .....	6	.....	.....	.....	5	.....
Jamaica .....	233	6	220	11	203	22
St. Kitts .....	33	.....	38	.....	89	.....
Trinidad and Tobago .....	155	.....	140	3	103	7
Other countries <sup>3</sup> .....	8	35	10	27	7	19
Total North America .....	8,224	5,079	8,901	6,395	9,580	4,747
South America:						
Argentina .....	290	.....	958	.....	367	.....
Bolivia .....	147	.....	115	.....	78	.....
Brazil .....	1,252	.....	2,487	.....	1,925	.....
Chile .....	.....	98	.....	342	.....	295
Colombia .....	100	.....	.....	.....	132	.....
Ecuador .....	40	.....	56	.....	40	.....
Guyana .....	306	.....	211	.....	295	.....
Peru .....	284	.....	434	.....	266	.....
Uruguay .....	5	.....	.....	.....	.....	.....
Venezuela .....	.....	110	.....	124	.....	275
Other countries <sup>4</sup> .....	5	2	3	8	5	10
Total South America .....	2,429	210	4,264	474	3,108	580
Europe:						
Belgium and Luxembourg .....	351	76	532	77	509	61
Denmark .....	173	50	263	21	306	16
France <sup>5</sup> .....	1,422	136	1,816	110	2,357	117
Germany, Fed. Rep. of .....	318	169	713	108	802	152
Ireland .....	108	74	65	53	40	36
Italy .....	.....	290	.....	429	.....	390
Netherlands .....	81	73	212	75	252	48
United Kingdom .....	285	2,101	178	1,870	93	1,689
Total EC .....	2,733	2,969	3,779	2,743	4,359	2,509
Austria .....	125	1	16	.....	29	.....
Finland .....	27	136	62	157	23	155
Greece .....	34	.....	31	.....	22	.....
Iceland .....	.....	11	.....	12	.....	14
Malta .....	.....	22	.....	13	.....	18
Norway .....	.....	169	.....	179	.....	178
Portugal .....	48	239	.....	264	.....	339
Spain .....	.....	65	.....	139	.....	51
Sweden .....	(?)	121	22	69	17	13
Switzerland .....	(?)	226	6	255	4	162
Total Western Europe .....	2,967	3,959	3,916	3,836	4,454	3,439
Albania .....	.....	13	.....	13	.....	20
Bulgaria .....	.....	330	.....	215	.....	215
Czechoslovakia .....	71	109	171	64	306	80
German Dem. Rep. .....	67	189	91	233	81	212
Hungary .....	2	150	.....	91	.....	59
Poland .....	343	16	271	30	282	60
Romania .....	.....	119	164	204	92	.....
Yugoslavia .....	(?)	342	1	85	(?)	.....
Total Eastern Europe .....	488	1,268	698	935	761	646
Total Europe .....	3,455	5,227	4,614	4,771	5,215	4,085

See footnotes at end of table.



Table 123.—Sugar, centrifugal (raw value): International trade, 1976-78—Continued

Continent and country	1976		1977		1978 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Soviet Union .....	79	3,760	87	4,776	174	3,993
Africa:						
Algeria .....		354		431		411
Angola .....		45		51		68
Egypt .....	43	185	73	221	12	509
Ethiopia <sup>6</sup> .....	25	( <sup>2</sup> )	4	( <sup>2</sup> )		( <sup>2</sup> )
Ghana .....		49		34		39
Ivory Coast .....		18		18		41
Kenya .....		49		39		49
Libya .....		124		116		141
Malagasy Republic .....	30		28		24	
Mauritius .....	584	( <sup>2</sup> )	674	( <sup>2</sup> )	613	( <sup>2</sup> )
Morocco .....		263		389		294
Mozambique .....	147		208		36	
Nigeria .....		176		380		595
Reunion <sup>3</sup> .....		190	54		47	
Senegal .....		60		61		37
Sierra Leone .....		13		17		28
South Africa .....	860	82	1,384	82	719	1
Sudan .....		156		151		245
Swaziland .....	209		211		226	
Tanzania .....	22	12	11	21	14	36
Tunisia .....	39	194		170		210
Zaire .....		10		38		12
Zimbabwe .....	90		60		0	
Other countries <sup>4</sup> .....	90	132	102	183	93	181
Total Africa .....	2,139	2,112	2,809	2,402	1,784	2,897
Asia:						
Yemen (Aden) .....		19		55		106
Afghanistan .....		78		50		52
China:						
Mainland .....	24	638	41	1,676	39	1,438
Taiwan .....	519		599		364	
Cyprus .....		13		17		18
Hong Kong .....	1	84	( <sup>2</sup> )	96	( <sup>2</sup> )	111
India .....	915		276		687	
Indonesia .....		200		237		460
Iran <sup>7</sup> .....		626		277		875
Iraq .....		329		480		431
Israel .....		131		153	1	195
Japan .....	8	2,439	4	2,708		2,284
Jordan .....		112		45		86
Korea, Rep. of .....	84	308		403		566
Kuwait .....	2	28		51		42
Lebanon .....		36		172		78
Malaysia, West .....	33	336	22	336	16	398
Philippines .....	1,467		2,443		1,142	
Singapore .....	22	109	17	132	8	110
Sri Lanka .....		26		100		176
Syria .....		189		124		182
Thailand .....	1,124		1,657		1,029	
Turkey (Europe and Asia) .....	4				4	
Vietnam .....	4	220		180		94
Other countries <sup>4</sup> .....	12	65	10	38	10	30
Total Asia .....	4,219	5,986	5,069	7,330	3,300	7,732
Oceania:						
Australia .....	2,016		2,558		2,002	
Fiji .....	257		324		293	
New Zealand .....		173		185		158
Other countries <sup>4</sup> .....		46		29		33
Total Oceania .....	2,273	219	2,882	214	2,295	191
World total .....	22,818	22,593	28,626	26,362	25,456	24,225

<sup>1</sup> Preliminary. <sup>2</sup> Less than 500 tons. <sup>3</sup> Excludes trade with France and French Territories. <sup>4</sup> Includes trade of other countries not shown separately. <sup>5</sup> Excludes trade with French Territories. <sup>6</sup> Ethiopian calendar year. <sup>7</sup> Iranian calendar year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 124.—Sugar (raw and refined): Average price per pound at specified markets, 1965-79

Year	Wholesale price, cane sugar			Retail price, granulated: United States <sup>4</sup>	Year	Wholesale price, cane sugar			Retail price, granulated: United States <sup>4</sup>
	Raw, 96° centrifugal		Re-fined: New York <sup>3</sup>			Raw, 96° centrifugal		Re-fined New York <sup>3</sup>	
	Caribbean ports, f.o.b. and stowed <sup>1</sup>	New York, c.i.f. duty paid <sup>2</sup>				Caribbean ports, f.o.b. and stowed <sup>1</sup>	New York, c.i.f. duty paid <sup>2</sup>		
	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents
1965 .....	2.12	6.8	10.22	11.8	1973 .....	9.61	10.3	14.07	15.1
1966 .....	1.86	7.0	10.36	12.0	1974 .....	29.99	29.5	34.35	32.3
1967 .....	1.99	7.3	10.62	12.1	1975 .....	20.49	22.5	31.42	37.2
1968 .....	1.98	7.5	10.84	12.2	1976 .....	11.58	13.3	19.20	24.0
1969 .....	3.37	7.8	11.44	12.4	1977 .....	8.12	11.0	17.28	21.6
1970 .....	3.75	8.1	11.97	13.0	1978 .....	7.81	13.9	20.87	23.7
1971 .....	4.52	8.5	12.48	13.6	1979 .....	9.65	15.6	23.20	24.9
1972 .....	7.43	9.1	13.09	13.9					

<sup>1</sup>For 4th quarter 1977 through 3rd quarter 1979, derived by converting the London spot for sugar to a Caribbean basis in U.S. dollars.

<sup>2</sup>For 4th quarter 1977 through 3rd quarter 1979, derived by converting the London spot to a Caribbean basis in U.S. dollars, and adding freight, insurance, and applicable U.S. duties and fees.

<sup>3</sup>F.o.b.-basis list prices in 100 pound bags, not delivered prices. To obtain delivered prices, add "freight prepayments" and deduct discounts and allowances.

<sup>4</sup>Beginning January 1978, derived by using the Bureau of Labor Statistics consumer price index (all-urban, unadjusted) for Sugar and Artificial Sweeteners.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from the following sources: New York Coffee, Sugar & Cocoa Exchange; Commodity News Service; Agricultural Marketing Service; and U.S. Department of Labor, Bureau of Labor Statistics.

Table 125.—Sugar, centrifugal (raw value): United States imports, by country of origin, 1977-79<sup>1</sup>

Country of origin	1977	1978	1979 <sup>2</sup>	Country of origin	1977	1978	1979 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North and South America, including Caribbean area:				Africa:			
Argentina .....	267	156	192	Mauritius .....	50	53	76
Barbados .....	33	16	43	Mozambique .....	100	9	79
Brazil .....	510	463	1,173	South Africa .....	245	.....	118
Colombia .....	12	61	13	Swaziland .....	53	62	80
Costa Rica .....	84	27	69	Other Africa .....	46	21	61
Dominican Republic .....	852	590	724	Total .....	494	145	414
Ecuador .....	49	12	85	Asia and Oceania:			
El Salvador .....	127	126	138	Australia .....	427	177	74
Guatemala .....	292	139	146	Philippines .....	1,181	803	334
Guyana .....	18	27	42	Other Asia and Oceania .....	99	104	146
Mexico .....	( <sup>3</sup> )	21	66	Total .....	1,707	1,084	554
Nicaragua .....	117	77	99	Europe .....	49	76	3
Panama .....	115	122	139	World total .....	5,290	3,616	4,436
Peru .....	254	166	174				
Other America .....	310	308	362				
Total .....	3,040	2,811	3,465				

<sup>1</sup>Includes raw sugar imports and refined sugar imports converted to raw basis.

<sup>2</sup>Preliminary.

<sup>3</sup>Less than 500 tons.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 126.—Sugar, centrifugal (raw value): United States exports, by country of destination, 1977-1979

Country of destination	1977	1978	1979 <sup>1</sup>	Country of destination	1977	1978	1979 <sup>1</sup>
North and South America, including Caribbean areas:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Africa:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Bahamas .....	1,552	757	1,516	Guinea .....	264	192	246
Bermuda .....	111	42	48	Nigeria .....	5,925	1,087	.....
Canada .....	3,495	3,076	3,768	West Africa, n.e.c. ....	49	.....	.....
Jamaica .....	12	76	1,366	Other countries .....	22	22	41
Leeward and Windward Islands .....	183	80	682	Total .....	6,260	1,301	287
Netherlands Antilles .....	4,473	2,868	3,905	Asia and Oceania:			
Other countries .....	491	453	542	French Pacific Islands .....	42	3	.....
Total .....	10,317	7,352	11,827	Indonesia .....	27	19	18
Europe:				Israel .....	825	1	.....
France .....	10	12	6	Japan .....	0	12	5
Germany, Fed. Rep. of .....	3	17	3	Saudi Arabia .....	300	336	440
Iceland .....	.....	2,012	1	Trust Territory of Pacific Islands .....	1,048	1,084	999
Italy .....	36	134	41	Western Samoa .....	133	91	19
Netherlands .....	1	462	39	Other countries .....	203	261	243
Norway .....	235	233	193	Total .....	2,578	1,807	1,724
Sweden .....	248	29	62	World total .....	19,738	13,426	14,309
United Kingdom .....	50	67	126				
Other countries .....	583	2,966	471				
Total .....							

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 127.—Maple sirup and sugar: Production, farm disposition, season average price received by farmers, and value, United States, 1965-79<sup>1</sup>

Year	Production		Disposition of farms where produced		Season average price per gallon of sirup	Value production
	Sirup	In term of sugar <sup>2</sup>	Home use	Sold		
	<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	1,266	10,128	84	1,182	5.04	6,389
1966 .....	1,476	11,808	84	1,392	4.96	7,319
1967 .....	979	7,832	65	914	5.33	5,215
1968 .....	983	7,864	62	921	5.48	5,391
1969 .....	1,032	8,256	64	968	6.15	6,350
1970 .....	1,110	8,880	71	1,039	6.83	7,575
1971 .....	962	7,696	60	902	7.10	6,825
1972 .....	1,099	8,792	57	1,042	8.79	9,670
1973 .....	857	6,856	47	810	9.35	8,018
1974 .....	1,087	8,696	70	1,017	9.91	10,768
1975 .....	1,201	9,608	91	1,110	10.60	12,728
1976 .....	927	7,416	84	843	11.48	10,638
1977 .....	1,221	9,768	73	1,148	12.00	14,661
1978 .....	1,154	9,232	77	1,077	12.90	14,854
1979 .....	1,219	9,752	67	1,152	14.10	17,239

<sup>1</sup> Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine.<sup>2</sup> Assuming that 1 gallon of sirup is equivalent to 8 pounds of sugar.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 128.—Maple sirup: Production, by States, 1977-79<sup>1</sup>

State	Sirup made			State	Sirup made		
	1977	1978	1979		1977	1978	1979
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>		<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Maine .....	8	7	9	Pa .....	47	42	57
Mass .....	27	28	30	Vt .....	437	410	465
Mich .....	90	80	85	Wis .....	130	110	92
N.H. ....	74	82	76	U.S. ....	1,221	1,154	1,219
N.Y. ....	320	330	315				
Ohio .....	88	65	90				

<sup>1</sup>Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 129.—Maple sirup: Production, farm disposition, and value, by States, crop of 1979<sup>1</sup>

State	Production	Disposition on farms where grown		Season average price per gallon	Value of—	
		Home use	Sold		Production	Sales
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine .....	9	1	8	17.90	161	143
Mass .....	30	2	28	15.90	477	445
Mich .....	85	5	80	16.00	1,360	1,280
N.H. ....	76	5	71	16.80	1,277	1,193
N.Y. ....	315	16	299	13.10	4,127	3,917
Ohio .....	90	7	83	14.50	1,305	1,204
Pa .....	57	4	53	13.50	770	716
Vt .....	465	20	445	14.20	6,603	6,319
Wis .....	92	7	85	12.60	1,159	1,071
U.S. ....	1,219	67	1,152	14.10	17,239	16,288

<sup>1</sup>Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 130.—Honey: Colonies of bees, yield per colony, production of honey and beeswax, and average price per pound received by beekeepers, United States, 1965–79

Year	Number of colonies	Honey yield per colony	Production		Prices	
			Honey	Beeswax	All honey	Beeswax
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>
1965	4,718	51.3	241,849	4,697	17.8	44.9
1966	4,646	52.0	241,576	4,615	17.4	46.5
1967	4,635	46.6	215,780	4,886	15.6	58.8
1968	4,539	42.2	191,391	3,797	16.9	61.6
1969	4,433	60.3	267,485	5,171	17.5	61.1
1970	4,285	51.7	221,712	4,374	17.4	60.2
1971	4,107	48.2	197,826	3,597	21.8	61.3
1972	4,085	52.8	215,607	3,997	30.2	62.1
1973	4,124	58.0	239,089	4,251	44.4	74.4
1974	4,210	44.6	187,855	3,450	51.0	114.0
1975	4,206	47.4	199,179	3,405	50.5	103.0
1976	4,285	46.3	198,392	3,352	49.9	112.0
1977	4,346	41.1	178,499	3,095	53.0	158.0
1978	4,081	56.5	230,483	3,933	54.5	174.0
1979	4,145	57.2	237,268	3,727	59.0	175.0

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 131.—Honey: United States imports for consumption, by country of origin, 1977–79

Continent and country of origin	1977	1978	1979 <sup>1</sup>	Continent and country of origin	1977	1978	1979 <sup>1</sup>
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada	6,830	3,972	4,315	Belgium and Luxembourg	18	0	0
Dominican Republic	351	576	581	Germany, Fed. Rep. of	21	29	18
El Salvador	439	155	299	Greece	31	20	14
Guatemala	523	76	293	Netherlands	1	4	2
Honduras	14,839	8,322	242	Spain	10	2	13
Mexico	158	117	9,222	United Kingdom	6	24	16
Other countries	112	164	37	Other countries	14	17	11
Total	23,252	13,382	14,989	Total	101	96	74
South America:				Asia and Oceania:			
Argentina	4,144	6,982	399	Australia	20	23	242
Brazil	1,003	3,982	2,111	China, Mainland	239	301	8,182
Chile	20	170	25	New Zealand	36	39	9
Colombia	1	100	225	Other countries	6	25	183
Venezuela	25	186	15	Total	351	388	8,616
Other countries	18	99	116				
Total	5,211	11,519	2,891	Africa, total	66	0	0
				Total	28,981	25,385	26,570

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 132.—Honey: Colonies of bees, yield per colony, and production of honey and beeswax, by States, 1978 and 1979

State	1978				1979			
	Number of <sup>1</sup> colonies	Honey yield per colony	Production		Number of <sup>1</sup> colonies	Honey yield per colony	Production	
			Honey	Beeswax			Honey	Beeswax
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Ala .....	45	22	990	27	45	20	900	23
Ariz .....	60	45	2,700	45	59	58	3,422	34
Ark .....	45	32	1,440	27	35	45	1,575	27
Calif .....	504	62	31,248	554	504	34	17,136	291
Colo .....	41	67	2,747	58	39	67	2,613	52
Conn .....	8	26	208	5	8	36	288	7
Del .....	4	34	136	4	4	32	128	4
Fla .....	356	67	23,852	334	360	78	28,080	337
Ga .....	150	23	3,450	69	161	39	6,279	63
Hawaii .....	7	116	812	11	7	130	910	15
Idaho .....	100	45	4,500	81	101	54	5,454	82
Ill .....	38	43	1,634	36	36	59	2,124	32
Ind .....	76	51	3,876	78	75	36	2,700	54
Iowa .....	86	53	4,558	86	83	75	6,225	118
Kans .....	43	60	2,580	39	40	50	2,000	40
Ky .....	46	23	1,058	20	52	33	1,716	31
La .....	31	50	1,550	25	31	40	1,240	19
Maine .....	5	31	155	2	5	34	170	3
Md .....	13	43	559	12	14	35	490	11
Mass .....	12	35	420	6	12	33	396	6
Mich .....	103	58	5,974	93	106	61	6,466	84
Minn .....	145	96	13,920	251	149	99	14,751	266
Miss .....	52	25	1,300	31	49	30	1,470	34
Mo .....	112	56	6,272	146	124	64	7,936	63
Mont .....	99	89	8,811	159	103	128	13,184	224
Nebr .....	127	65	8,255	152	130	40	5,200	104
Nev .....	9	40	360	6	12	35	420	6
N.H .....	4	35	140	4	4	28	112	3
N.J .....	35	30	1,050	18	34	40	1,360	27
N. Mex .....	13	33	429	8	14	36	504	7
N.Y .....	110	56	6,160	99	113	62	7,006	119
N.C .....	190	32	6,080	122	180	30	5,400	113
N. Dak .....	160	128	20,480	348	190	120	22,800	365
Ohio .....	89	35	3,115	50	83	31	2,573	46
Okla .....	60	38	2,280	43	55	50	2,750	47
Oreg .....	60	32	1,920	35	53	37	1,961	31
Pa .....	78	31	2,418	47	74	41	3,034	58
R.I .....	1	32	32	1	1	34	34	1
S.C .....	56	21	1,176	26	59	20	1,180	24
S. Dak .....	171	120	20,520	226	204	85	17,340	277
Tenn .....	140	30	4,200	84	135	23	3,105	68
Tex .....	185	47	8,695	143	190	60	11,400	171
Utah .....	47	30	1,410	25	46	48	2,208	38
Vt .....	9	35	315	4	9	42	378	5
Va .....	77	33	2,541	38	78	28	2,184	39
Wash .....	82	34	2,738	53	80	38	3,040	40
W. Va .....	93	30	2,790	45	104	34	3,536	35
Wis .....	124	51	6,324	114	135	65	8,775	123
Wyo .....	41	55	2,255	38	39	85	3,215	60
U.S .....	4,081	56.5	230,483	3,933	4,145	57.2	237,268	3,727

<sup>1</sup>Sum of State totals exceed the U.S. total because of duplication of colonies between States.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 133.—Honey and beeswax: Average price per pound received by beekeepers, by States, 1978 and 1979

State	Honey prices								Beeswax prices, 1979
	Wholesale, extracted, 1979			Retail, extracted, 1979	All <sup>1</sup> comb, 1979	All <sup>1</sup> chunk, 1979	All honey		
	Bulk	Packaged	All				1978	1979	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Ala .....	0.46	0.79	0.50	0.91	1.08	0.92	0.702	0.615	1.73
Ariz .....	.48	.62	.49	.71	.....	.....	.446	.497	1.70
Ark .....	.48	.79	.49	.95	1.13	1.09	.473	.515	1.84
Calif .....	.48	.57	.48	.75	.....	.....	.448	.481	1.87
Colo .....	.53	.77	.57	.81	1.56	1.10	.558	.606	1.73
Conn .....	.....	.92	.92	1.10	1.40	1.35	1.09	1.10	1.60
Del .....	.53	.77	.58	1.08	.....	1.42	.935	.742	2.04
Fla .....	.52	.70	.52	.77	.....	1.26	.494	.528	1.70
Ga .....	.49	.90	.50	.99	1.36	.81	.587	.508	1.86
Hawaii .....	.46	.79	.47	.82	.....	.....	.476	.472	1.80
Idaho .....	.53	.68	.54	.76	1.03	.....	.485	.543	1.79
Ill .....	.61	.85	.71	.96	1.22	1.24	.679	.767	1.79
Ind .....	.64	.87	.74	.95	1.22	1.15	.742	.846	1.87
Iowa .....	.55	.74	.56	.86	1.24	1.23	.509	.564	1.64
Kans .....	.61	.67	.62	1.00	.....	.....	.584	.672	1.80
Ky .....	.69	.85	.81	1.01	1.13	1.03	.891	.915	1.71
La .....	.47	.83	.48	.81	.....	.....	.474	.511	1.89
Maine .....	.60	.88	.61	1.07	1.35	1.35	.982	.689	1.60
Md .....	.65	.71	.70	1.00	1.52	1.42	.795	.857	2.04
Mass .....	.69	.80	.80	1.05	1.35	1.35	1.03	.831	1.60
Mich .....	.56	.89	.60	.95	1.31	.....	.512	.635	1.84
Minn .....	.53	.70	.54	.82	1.24	1.26	.495	.543	1.89
Miss .....	.50	.90	.55	1.09	1.20	1.13	.636	.676	1.75
Mo .....	.63	.98	.65	1.07	1.18	1.15	.749	.909	1.50
Mont .....	.56	.82	.57	.82	1.28	.....	.538	.577	1.64
Nebr .....	.46	.68	.47	.81	.....	.....	.472	.482	1.74
Nev .....	.57	.78	.58	.91	1.50	.....	.602	.603	1.89
N.H .....	.70	.90	.74	1.03	1.45	1.35	1.14	.906	1.60
N.J .....	.71	.84	.71	1.06	1.28	1.44	.947	.776	1.57
N. Mex .....	.59	.78	.60	.86	.....	.....	.564	.616	1.35
N.Y .....	.50	.64	.53	.88	1.42	.....	.543	.551	1.74
N.C .....	.57	.92	.59	.97	1.20	1.10	.899	.669	1.42
N. Dak .....	.51	.72	.51	.81	1.36	.....	.471	.519	1.83
Ohio .....	.57	.79	.59	.96	1.28	1.32	.642	.672	1.62
Okla .....	.70	1.00	.84	1.13	.....	.....	.716	.908	1.52
Oreg .....	.53	.68	.55	.77	1.03	.....	.510	.584	1.65
Pa .....	.54	.67	.56	.91	1.15	.95	.653	.643	1.91
R.I .....	.70	.93	.80	1.15	1.26	1.35	1.07	1.06	1.60
S.C .....	.60	.78	.76	1.03	1.05	.87	.845	.838	1.66
S. Dak .....	.52	.73	.52	.84	.....	.....	.458	.528	1.72
Tenn .....	.74	.96	.86	1.15	1.06	1.19	.889	1.04	1.41
Tex .....	.50	.76	.50	.85	1.25	.....	.476	.508	1.86
Utah .....	.53	.67	.54	.68	1.50	1.20	.570	.585	1.77
Vt .....	.63	.94	.77	1.07	1.46	1.47	.936	1.17	1.60
Va .....	.53	.87	.59	1.10	1.08	.96	.716	.740	1.79
Wash .....	.52	.72	.52	.93	.....	.....	.549	.540	1.68
W. Va .....	.60	.87	.68	1.22	1.08	1.08	.984	1.05	2.00
Wis .....	.54	.73	.55	.77	1.14	.....	.526	.576	1.81
Wyo .....	.51	.75	.52	.83	.....	.....	.506	.528	1.88
U.S .....	.535	.750	.553	.860	1.25	1.17	.545	.590	1.75

<sup>1</sup> Prices for wholesale and retail comb and chunk honey discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 134.—Honey and beeswax: Average wholesale prices for specified types and locations, 1970–79<sup>1</sup>**

Item and location	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<b>EXTRACTED HONEY, PER POUND<sup>2</sup></b>										
Florida Extra Light Amber to White, Orange .....	Cents 14.2	Cents 20.0	Cents 31.2	Cents 36.0	Cents 40.0	Cents 40.5	Cents 39.3	Cents 40.6	Cents 45.1	Cents 50.2
California:										
White to Water White, Orange .....	14.7	19.8	30.7	36.5	42.1	41.2	41.0	43.5	44.1	49.5
Light Amber to Extra Light Amber, Alfalfa ..	14.5	20.0	28.9	43.0	41.4	39.8	37.3	39.4	45.3	47.9
Western States:										
White to Water White, Clover and Alfalfa .....	14.4	18.5	29.9	45.3	48.3	44.2	44.3	44.3	45.5	51.6
New York and North Central States:										
White to Water White, Clover and Alfalfa .....	14.6	19.0	31.2	40.8	47.1	45.8	44.2	44.5	45.8	51.2
<b>BEESWAX, PER POUND<sup>3</sup></b>										
California .....	55.6	58.9	59.9	68.9	108.9	107.8	114.4	155.7	168.8	164.5
North Central States .....	60.3	63.5	68.7	72.9	111.2	98.4	122.8	168.2	171.4	168.8
Florida and Georgia .....	65.0	61.8	65.2	73.7	115.3	93.7	111.1	160.0	181.8	165.9

<sup>1</sup> Simple average of average monthly prices, 1970–74; weighted average of monthly prices, 1975–79.<sup>2</sup> Except where otherwise stated, price to beekeepers for bulk unprocessed honey, f.o.b. shipping point or delivered nearby market.<sup>3</sup> "Dark" or lighter beeswax price to beekeepers, f.o.b. shipping point or delivered nearby market.

Agricultural Marketing Service.

**Table 135.—Beeswax, crude: United States imports for consumption, by country of origin, 1977–79**

Continent and country of origin	1977	1978	1979 <sup>1</sup>	Continent and country of origin	1977	1978	1979 <sup>1</sup>
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada .....	182	194	78	Portugal .....	10	0	0
Dominican Republic .....	154	150	174	Spain .....	12	0	0
Haiti .....	25	22	16	Other countries .....	0	0	4
Mexico .....	331	121	161	Asia and Oceania:			
Other countries .....	1	0	0	Australia .....	0	0	4
South America:				China, Mainland .....	0	6	11
Brazil .....	187	190	122	New Zealand .....	6	0	( <sup>2</sup> )
Chile .....	214	215	152	Other countries .....	0	2	0
Other countries .....	0	15	0	Total .....	1,293	1,067	836
Africa:							
Egypt .....	45	15	0				
Ethiopia .....	126	137	114				

<sup>1</sup> Preliminary.<sup>2</sup> Less than 1 metric ton.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 136.—Edible sirups, molasses, and honey: Production, foreign trade, and indicated domestic consumption, United States, 1965-79

Year	Production <sup>1</sup>							Imports			
	Sirups					Honey	Total	Maple sirup	Edible molasses and cane sirup <sup>3</sup>	Honey	Total
	Corn	Cane	Maple <sup>2</sup>	Re-finers	Edible molasses						
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1965 .....	243,682	2,989	1,266	2,994	2,648	20,427	274,006	879	3,349	1,127	5,355
1966 .....	252,337	2,923	1,476	2,493	2,563	20,403	282,195	938	3,061	806	4,805
1967 .....	255,860	2,121	979	2,402	2,477	18,225	282,064	1,147	1,065	1,416	3,628
1968 .....	274,000	2,346	983	2,561	2,466	16,165	298,521	988	3,732	1,427	6,147
1969 .....	282,000	2,661	1,032	2,235	2,532	22,591	313,051	1,185	2,266	1,244	4,695
1970 .....	292,000	.....	1,110	1,695	2,121	18,726	315,652	956	2,165	749	3,870
1971 .....	304,000	.....	962	1,883	2,517	16,708	326,070	577	2,470	967	4,014
1972 .....	387,880	.....	1,099	2,077	2,290	18,210	411,556	710	1,694	3,291	5,695
1973 .....	451,264	.....	857	2,309	1,926	20,193	476,549	808	2,935	900	4,638
1974 .....	498,313	.....	1,087	2,564	1,559	15,866	519,389	801	2,508	2,196	5,505
1975 .....	561,215	.....	1,207	2,482	2,114	16,823	583,841	607	2,483	3,917	7,007
1976 .....	615,498	.....	927	2,403	2,574	16,756	638,158	886	3,188	5,608	9,682
1977 .....	695,196	.....	1,221	2,197	2,538	15,076	716,228	867	1,773	5,396	8,036
1978 .....	751,809	.....	1,154	2,571	2,750	19,466	777,750	811	2,077	4,727	7,615
1979 <sup>4</sup> .....	845,741	.....	1,219	2,524	2,900	20,039	872,423	857	2,944	4,947	8,748

  

Year	Exports			Indicated domestic consumption				
	Corn sirup	Honey	Total	Sirups			Honey	Total
				Corn	Maple	Cane and refiners sirup and edible molasses		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1965 .....	1,003	1,166	2,169	242,679	2,145	11,980	20,388	277,192
1966 .....	1,038	1,219	2,257	251,299	2,414	11,040	19,990	284,743
1967 .....	1,113	986	2,099	254,747	2,126	8,065	18,655	283,593
1968 .....	1,541	684	2,225	272,459	1,971	11,105	16,908	302,443
1969 .....	2,169	833	3,002	279,831	2,217	9,694	23,002	314,744
1970 .....	1,324	688	2,012	290,676	2,066	5,981	18,787	317,510
1971 .....	1,324	640	1,964	302,676	1,539	6,870	17,035	328,120
1972 .....	1,205	346	1,551	386,675	1,809	6,061	21,155	415,700
1973 .....	1,377	1,484	2,861	449,887	1,660	7,170	19,609	478,326
1974 .....	1,736	386	2,122	496,577	1,888	6,631	17,676	522,772
1975 .....	1,070	337	1,407	560,145	1,814	7,079	20,403	588,441
1976 .....	1,674	396	2,070	613,824	1,813	8,165	21,968	645,770
1977 .....	1,543	466	2,009	693,653	2,088	6,508	20,006	722,255
1978 .....	1,694	679	2,373	750,115	1,965	7,398	23,514	782,992
1979 <sup>5</sup> .....	1,211	747	1,958	844,350	2,076	8,368	24,239	879,213

<sup>1</sup> Production of cane sirup and edible molasses is of the fall of the preceding year. Cane sirup discontinued beginning 1970.

<sup>2</sup> Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.

<sup>3</sup> U.S. Department of Commerce molasses and sugar sirups series.

<sup>4</sup> Unofficial estimates, 1968-71 and 1978-79; estimates for 1972-1977 from U.S. International Trade Commission Publication 881, April 1978. Corn sirup production includes high-fructose corn sirup beginning 1972.

<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 137.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1965–79

Year	Production in mainland areas						Shipments from offshore domestic areas		
	Mainland cane	Domestic beet	Refiners' blackstrap	Citrus	Hydrol	Total	Hawaii	Puerto Rico	Total
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1965 .....	84,722	116,589	36,915	8,564	26,740	273,530	51,861	21,104	72,965
1966 .....	82,952	113,755	39,443	9,788	23,125	269,063	60,271	8,124	68,395
1967 .....	97,206	99,826	37,936	17,291	20,400	272,659	55,662	5,619	61,281
1968 .....	87,121	136,694	46,113	9,063	21,000	299,991	66,157	7,008	73,165
1969 .....	74,139	155,700	42,700	13,732	21,000	307,271	48,430	4,778	53,208
1970 .....	86,037	160,100	46,600	11,808	22,000	326,545	56,937	3,193	60,130
1971 .....	88,609	161,159	43,474	10,215	22,000	325,457	50,111	1,452	51,563
1972 .....	125,593	166,584	39,142	8,308	22,500	362,127	55,759	6,785	62,544
1973 .....	112,360	158,138	44,900	9,837	23,000	348,235	51,025	.....	51,025
1974 .....	102,078	155,916	45,000	10,588	23,500	337,082	44,163	2,374	46,537
1975 .....	125,430	188,175	45,000	10,178	24,500	393,283	49,349	.....	49,349
1976 .....	131,746	157,996	50,312	5,802	37,000	382,856	46,808	82	46,890
1977 .....	114,330	167,079	50,668	5,183	39,700	376,960	42,144	.....	42,144
1978 .....	106,730	140,231	44,558	4,250	41,688	337,457	51,589	.....	51,589
1979 <sup>1</sup> .....	112,370	117,000	39,049	3,463	40,318	312,200	57,537	.....	57,537

  

Year	United States imports from foreign countries					Mainland exports <sup>2</sup>	Total market supplies available
	Brazil	Dominican Republic	Mexico	Other	Total		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1965 .....	.....	41,329	95,564	131,123	268,016	2,536	611,975
1966 .....	.....	47,533	99,312	167,312	314,157	1,586	650,029
1967 .....	19,935	40,171	130,705	159,737	350,548	996	683,492
1968 .....	17,862	28,914	94,335	226,980	368,091	3,077	738,170
1969 .....	20,136	44,363	112,481	184,683	361,663	2,992	719,150
1970 .....	32,633	34,325	81,387	233,514	381,859	1,447	767,087
1971 .....	37,071	27,233	105,878	229,322	399,764	1,718	775,066
1972 .....	42,944	45,871	116,437	201,594	406,846	3,082	828,435
1973 .....	52,733	45,007	119,232	186,342	403,814	4,680	797,894
1974 .....	62,061	31,395	110,726	180,095	383,286	12,645	755,251
1975 .....	31,148	24,389	74,445	173,304	303,286	6,310	739,608
1976 .....	45,798	27,513	79,810	258,073	411,194	11,215	829,725
1977 .....	30,937	10,667	88,857	217,187	347,643	22,892	749,860
1978 .....	9,220	12,895	97,606	151,289	271,010	20,290	639,766
1979 <sup>1</sup> .....	16,362	9,612	64,761	141,069	231,714	19,287	582,164

<sup>1</sup> Preliminary.<sup>2</sup> Does not include exports from Hawaii and Puerto Rico.

Agricultural Marketing Service.

Table 138.—Tobacco: Area, yield, production, and value, United States, 1965-79

Year	Area harvested	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1965	976,930	1,898	1,854,568	65.1	1,207,735
1966	971,890	1,939	1,884,627	70.9	1,252,351
1967	959,770	2,050	1,967,911	66.8	1,315,500
1968	879,280	1,945	1,710,348	69.5	1,188,610
1969	918,320	1,964	1,803,272	71.8	1,295,535
1970	898,330	2,122	1,906,453	72.9	1,389,311
1971	837,590	2,035	1,704,884	78.6	1,339,644
1972	842,420	2,076	1,749,085	83.0	1,451,275
1973	886,590	1,965	1,742,105	90.1	1,569,440
1974	962,620	2,067	1,989,728	108.6	2,159,875
1975	1,086,350	2,008	2,181,775	102.6	2,238,002
1976	1,044,520	2,045	2,135,829	112.5	2,403,723
1977	957,800	1,997	1,912,759	118.6	2,268,759
1978	948,260	2,135	2,024,369	132.4	2,679,371
1979 <sup>2</sup>	826,320	1,853	1,531,082	141.1	2,160,138

<sup>1</sup> Production figures are on farm-sales-weight basis.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 139.—Tobacco: Area, yield, and production, by States, 1977-79

State	Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Ala	550	520	500	1,900	1,870	1,650	1,045	972	825
Conn	3,500	3,200	3,200	1,606	1,547	1,539	5,620	4,950	4,925
Fla	11,840	10,500	10,000	2,094	2,100	2,240	24,798	22,050	22,400
Ga	65,000	61,000	53,000	2,075	2,060	1,905	134,875	125,660	100,965
Ind	6,900	6,600	6,100	2,400	2,350	1,950	16,560	15,510	11,895
Ky	196,750	194,500	173,700	2,297	2,415	1,976	452,024	469,658	343,145
La	140	130	80	850	900	700	119	117	56
Md	23,000	22,000	22,000	1,310	1,390	1,200	30,130	30,580	26,400
Mass	1,160	1,030	1,210	1,643	1,416	1,564	1,906	1,458	1,892
Mo	2,600	2,400	2,500	2,385	2,280	2,405	6,201	5,472	6,013
N.C	392,600	398,700	334,500	1,896	2,131	1,858	744,525	849,431	621,368
Ohio	10,500	10,100	9,800	2,162	2,229	1,435	22,698	22,510	14,063
Pa	13,500	13,000	11,200	1,940	1,940	1,580	26,190	25,220	17,696
S.C	68,000	71,000	57,000	2,040	2,120	2,065	138,720	150,520	117,705
Tenn	68,460	66,850	60,090	1,997	2,125	1,745	136,746	142,099	104,829
Va	79,700	73,130	67,240	1,794	1,848	1,630	142,985	135,157	109,603
W.Va	1,600	1,500	1,300	2,020	1,800	1,275	3,232	2,700	1,658
Wis	12,000	12,100	12,900	2,032	1,678	1,988	24,385	20,305	25,644
U.S	957,800	948,260	826,320	1,997	2,135	1,853	1,912,759	2,024,369	1,531,082

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 140.—Tobacco: Area, yield per hectare, and production in specified countries, 1977-79

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Kilo- grams</i>	<i>Kilo- grams</i>	<i>Kilo- grams</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>North America:</b>									
Canada .....	43,971	48,524	36,308	2,371	2,383	2,302	104,275	115,617	83,576
Costa Rica .....	2,246	1,979	1,968	1,419	1,393	1,212	3,186	2,756	2,385
Cuba .....	60,000	60,000	48,000	750	767	625	45,000	46,000	30,000
Dominican Republic .....	28,200	39,910	32,360	1,372	1,426	1,494	38,700	56,900	48,350
El Salvador .....	1,379	1,752	2,040	1,431	1,446	1,200	1,974	2,533	2,449
Guatemala .....	5,403	5,192	5,648	1,581	1,460	1,451	8,543	7,581	8,195
Haiti .....	312	384	384	1,247	805	945	389	309	363
Honduras .....	4,708	5,254	6,028	1,367	1,341	1,225	6,438	7,045	7,382
Jamaica .....	711	700	798	1,094	1,276	1,559	778	898	1,244
Mexico .....	37,600	43,900	49,000	1,710	1,526	1,551	64,300	67,000	76,000
Nicaragua .....	1,756	1,847	1,729	1,582	1,614	1,671	2,778	2,981	2,889
Panama .....	950	920	920	1,514	1,692	1,701	1,438	1,557	1,565
Trinidad-Tobago .....	94	95	90	1,691	1,684	1,323	159	160	119
United States (incl. Puerto Rico) .....	388,567	384,731	336,754	2,237	2,391	2,088	869,114	919,784	703,290
<b>Total .....</b>	<b>575,897</b>	<b>595,188</b>	<b>522,027</b>	<b>1,992</b>	<b>2,068</b>	<b>1,854</b>	<b>1,147,072</b>	<b>1,231,116</b>	<b>967,807</b>
<b>South America:</b>									
Argentina .....	75,000	62,300	64,970	1,100	997	1,054	82,530	62,125	68,450
Brazil .....	261,000	267,000	284,000	1,188	1,236	1,405	310,000	330,000	399,000
Bolivia .....	2,005	2,100	2,100	1,132	1,131	1,143	2,270	2,375	2,400
Chile .....	3,981	4,282	2,985	2,212	2,256	2,841	8,697	9,661	6,989
Colombia .....	33,308	28,980	32,300	1,750	1,639	1,836	58,287	47,490	59,300
Ecuador .....	1,153	1,681	1,703	1,565	1,484	1,489	1,805	2,494	2,535
Guayana .....	96	106	110	938	1,028	982	90	109	108
Paraguay .....	29,800	24,800	22,000	1,390	1,085	1,227	41,424	26,918	27,000
Peru .....	2,600	2,300	2,660	1,227	1,243	1,241	3,190	2,860	3,300
Uruguay .....	898	998	945	1,589	1,553	1,679	1,427	1,550	1,587
Venezuela .....	10,727	15,226	16,000	1,426	1,002	1,438	15,293	15,256	23,000
<b>Total .....</b>	<b>420,518</b>	<b>409,773</b>	<b>429,773</b>	<b>1,248</b>	<b>1,222</b>	<b>1,381</b>	<b>525,013</b>	<b>500,838</b>	<b>593,669</b>
<b>Europe:</b>									
Belgium .....	472	475	500	3,339	3,341	3,300	1,576	1,587	1,650
France .....	22,053	20,393	19,683	1,976	2,475	2,652	43,556	50,466	52,200
Germany, Fed. Rep. of .....	3,760	3,590	3,424	2,336	2,101	2,318	8,782	7,544	7,938
Italy .....	58,790	58,110	58,880	1,865	1,887	1,885	109,672	109,658	111,000
<b>Total EC .....</b>	<b>85,075</b>	<b>82,568</b>	<b>82,487</b>	<b>1,923</b>	<b>2,050</b>	<b>2,095</b>	<b>163,616</b>	<b>169,255</b>	<b>172,788</b>
Austria .....	245	264	280	2,367	1,439	1,429	580	380	400
Canary Islands .....	90	100	40	1,067	1,420	1,250	96	142	50
Greece .....	104,651	101,377	95,282	1,136	1,285	1,281	118,935	130,247	122,100
Portugal (incl. Azores) .....	799	734	824	1,243	1,669	1,819	993	1,225	1,499
Spain .....	14,624	16,222	18,130	1,474	1,835	2,101	21,556	29,775	38,084
Switzerland .....	739	721	720	1,578	1,942	2,222	1,166	1,400	1,600
<b>Total Western Europe .....</b>	<b>206,223</b>	<b>201,986</b>	<b>197,763</b>	<b>1,488</b>	<b>1,646</b>	<b>1,702</b>	<b>306,942</b>	<b>332,424</b>	<b>336,521</b>
Albania .....	24,000	24,000	24,000	542	542	542	13,000	13,000	13,000
Bulgaria .....	124,000	112,000	125,000	1,098	1,045	1,200	136,200	117,000	150,000
Czechoslovakia .....	3,600	3,500	3,400	1,361	1,543	1,529	4,900	5,400	5,200
Germany, Dem. Rep. of .....	2,900	2,900	2,900	1,793	1,724	1,724	5,200	5,000	5,000
Hungary .....	16,000	18,000	18,000	1,513	1,317	1,222	24,200	23,700	22,000
Poland .....	54,893	43,749	42,976	1,593	1,847	1,622	87,450	58,948	69,690
Romania .....	51,000	50,100	50,000	922	818	900	47,000	41,000	45,000
Yugoslavia .....	65,377	55,692	63,000	1,055	1,134	1,032	69,000	63,159	65,040
<b>Total Eastern Europe .....</b>	<b>341,770</b>	<b>309,941</b>	<b>329,276</b>	<b>1,132</b>	<b>1,056</b>	<b>1,139</b>	<b>386,950</b>	<b>327,207</b>	<b>374,930</b>
<b>Total Europe .....</b>	<b>547,993</b>	<b>511,927</b>	<b>527,039</b>	<b>1,266</b>	<b>1,289</b>	<b>1,350</b>	<b>693,892</b>	<b>659,631</b>	<b>711,451</b>
<b>Soviet Union .....</b>	<b>189,000</b>	<b>170,000</b>	<b>185,000</b>	<b>1,624</b>	<b>1,647</b>	<b>1,605</b>	<b>307,000</b>	<b>280,000</b>	<b>297,000</b>
<b>Africa:</b>									
Algeria .....	9,000	9,100	9,100	444	451	451	4,000	4,100	4,100
Angola .....	3,000	3,000	3,750	1,000	1,000	987	3,000	3,000	3,700
Burundi-Rwanda .....	2,000	2,000	2,000	800	800	800	1,600	1,600	1,600
Cameroon .....	6,900	6,900	6,900	870	870	870	6,000	6,000	6,000
Congo, Republic of .....	4,000	4,100	4,100	425	439	439	1,700	1,800	1,800
Ghana .....	1,300	1,350	1,550	603	652	939	784	880	1,456
Ivory Coast .....	8,400	8,500	8,500	298	353	353	2,500	3,000	3,000
Kenya .....	2,862	3,260	3,008	573	640	956	1,639	2,085	2,875
Libya .....	600	600	600	1,667	1,667	1,667	1,000	1,000	1,000
Malagasy Republic .....	5,830	5,900	5,900	894	898	898	5,255	5,300	5,300

See footnotes at end of table.



Table 140.—Tobacco: Area, yield per hectare, and production in specified countries, 1977-79—Continued

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Kilo- grams</i>	<i>Kilo- grams</i>	<i>Kilo- grams</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Africa—Continued</b>									
Malawi .....	66,860	76,610	81,000	772	668	788	51,604	51,142	64,185
Mauritius .....	600	600	600	1,400	1,400	1,400	840	840	840
Morocco .....	3,943	4,542	5,672	1,227	1,228	1,269	4,840	5,577	7,200
Mozambique .....	2,500	2,600	2,600	1,080	1,077	1,077	2,700	2,800	2,800
Nigeria .....	19,200	23,880	20,580	534	509	539	10,245	12,150	11,100
Sierra Leone .....	324	325	530	1,120	1,351	1,032	363	439	547
South Africa .....	45,628	46,847	47,000	915	967	964	41,736	45,279	45,330
Tanzania .....	25,850	27,170	28,000	705	793	893	18,233	21,550	25,000
Tunisia .....	5,800	5,500	6,000	756	841	673	4,387	4,627	4,038
Uganda .....	2,600	3,000	3,000	769	833	833	2,000	2,500	2,500
Zambia .....	6,250	5,600	5,500	927	715	909	5,793	4,004	5,000
Zaire .....	3,292	3,714	3,696	514	719	823	1,691	2,672	3,040
Zimbabwe .....	52,300	49,350	61,550	1,649	1,719	1,820	86,250	84,850	112,050
<b>Total</b> .....	<b>279,089</b>	<b>294,448</b>	<b>311,136</b>	<b>925</b>	<b>907</b>	<b>1,011</b>	<b>258,160</b>	<b>267,195</b>	<b>314,461</b>
<b>Asia:</b>									
Bangladesh .....	68,052	55,516	49,796	934	898	878	63,532	49,873	43,744
Burma .....	64,000	64,000	64,000	1,172	1,172	1,172	75,000	75,000	75,000
China: Mainland .....	780,000	780,000	780,000	1,250	1,250	1,237	975,000	975,000	965,000
Taiwan .....	9,992	8,553	8,515	2,471	2,587	2,522	24,695	22,129	21,476
Cyprus .....	1,327	2,068	2,810	265	271	228	351	560	810
India .....	432,400	504,400	411,000	969	979	1,098	413,800	493,600	451,200
Indonesia .....	187,600	174,500	189,200	445	452	471	83,400	78,900	89,200
Iran .....	13,226	13,164	13,000	1,227	1,230	1,231	16,227	16,193	16,000
Iraq .....	16,800	16,500	16,500	571	576	576	9,600	9,500	9,500
Israel .....	1,000	1,300	900	750	769	778	750	1,000	700
Japan .....	64,246	63,575	62,541	2,697	2,705	2,519	173,249	171,965	157,513
Jordan .....	3,270	3,587	3,550	262	379	324	857	1,360	1,150
Kampuchea .....	12,000	14,000	14,000	608	629	629	7,300	8,800	8,800
Korea, Dem. Peo. Rep. of .....	28,000	30,000	30,000	821	833	833	23,000	25,000	25,000
Korea, Rep. of .....	62,802	64,410	55,742	2,301	2,085	2,210	144,532	134,316	123,205
Laos .....	7,000	7,000	7,000	586	586	586	4,100	4,100	4,100
Lebanon .....	3,500	4,000	4,000	1,229	1,050	1,050	4,300	4,200	4,200
Malaysia .....	9,499	12,870	13,000	766	715	746	7,275	9,204	9,700
Pakistan .....	50,512	55,155	44,959	1,437	1,383	1,516	72,580	76,274	68,154
Philippines .....	110,000	104,000	107,400	752	762	767	84,300	79,245	82,344
Singapore .....	321	360	360	1,794	1,917	1,917	576	690	690
Sri Lanka .....	13,886	14,650	14,200	813	814	810	11,284	11,930	11,500
Syria .....	15,348	14,300	15,000	749	804	867	11,500	11,500	13,000
Thailand .....	151,100	152,040	151,520	508	535	528	76,752	81,350	80,000
Turkey .....	276,550	304,194	280,000	897	947	865	247,952	288,186	242,136
Vietnam .....	15,000	15,500	16,000	1,333	1,355	1,438	20,000	21,000	23,000
<b>Total</b> .....	<b>2,397,431</b>	<b>2,479,642</b>	<b>2,354,993</b>	<b>1,067</b>	<b>1,069</b>	<b>1,073</b>	<b>2,556,912</b>	<b>2,650,875</b>	<b>2,527,122</b>
<b>Oceania</b>									
Australia .....	9,403	8,530	7,848	1,789	1,765	1,867	16,820	15,055	14,649
New Zealand .....	1,847	1,895	1,758	1,472	1,880	1,982	2,719	3,562	3,485
<b>Total</b> .....	<b>11,250</b>	<b>10,425</b>	<b>9,606</b>	<b>1,737</b>	<b>1,786</b>	<b>1,888</b>	<b>19,539</b>	<b>18,617</b>	<b>18,134</b>
<b>World total</b> .....	<b>4,421,178</b>	<b>4,471,403</b>	<b>4,339,574</b>	<b>1,246</b>	<b>1,254</b>	<b>1,251</b>	<b>5,507,588</b>	<b>5,608,272</b>	<b>5,429,644</b>

<sup>1</sup> Preliminary.<sup>2</sup> Production figures on farm-sales-weight basis, which is about 10 percent above dry-weight figures normally reported in trade statistics.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1971-79 (farm-sales-weight basis)

Type and crop year	Area	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
Total flue-cured, types 11-14:	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1971 .....	525,790	2,050	1,077,790	1,976,459	3,054,249	1,142,583	480,039	662,544	77.2
1972 .....	513,620	1,971	1,012,417	1,910,176	2,932,256	1,182,962	518,810	664,152	85.3
1973 .....	575,130	2,011	1,156,659	1,749,294	2,908,286	1,301,002	598,048	702,954	88.1
1974 .....	616,330	2,014	1,241,327	1,607,284	2,905,953	1,200,428	548,298	652,135	105.0
1975 .....	717,200	1,973	1,415,035	1,651,965	3,067,000	1,193,078	522,454	670,624	99.8
1976 .....	666,640	1,974	1,316,257	1,898,281	3,214,588	1,148,233	514,228	634,005	110.4
1977 .....	589,250	1,917	1,129,710	2,074,975	3,204,885	1,147,254	539,069	608,185	117.6
1978 .....	589,020	2,090	1,231,222	2,051,906	3,283,128	1,182,955	598,669	584,286	135.0
1979 <sup>4</sup> .....	500,000	1,890	945,145	2,074,828	3,019,973	.....	.....	.....	140.0
Total fire-cured, types 21-23:									
1971 .....	24,510	1,775	43,511	62,213	105,724	41,243	22,193	19,050	60.0
1972 .....	25,190	1,677	42,248	64,481	106,729	41,844	26,363	15,481	58.1
1973 .....	21,320	1,566	33,385	64,885	98,270	46,070	28,661	17,409	72.3
1974 .....	21,190	1,504	31,867	52,200	84,067	35,990	20,791	15,199	91.2
1975 .....	23,380	1,601	37,435	48,077	85,512	35,489	21,927	13,562	103.2
1976 .....	26,500	1,453	38,516	50,023	88,539	40,646	27,503	13,143	138.9
1977 .....	32,760	1,598	52,366	47,893	100,259	40,581	20,433	20,148	127.3
1978 .....	33,200	1,755	58,260	59,678	117,938	41,937	25,820	16,117	110.4
1979 <sup>4</sup> .....	26,890	1,692	45,507	76,001	121,508	.....	.....	.....	114.3
Virginia fire-cured, type 21:									
1971 .....	5,000	1,180	5,900	8,959	14,359	6,593	3,501	3,092	54.8
1972 .....	4,800	970	4,656	8,266	12,922	5,294	4,066	1,228	64.2
1973 .....	4,700	1,205	5,664	7,628	13,292	6,191	4,455	1,736	75.5
1974 .....	5,000	1,185	5,925	7,101	13,026	5,697	4,986	711	81.7
1975 .....	5,000	975	4,875	7,329	12,204	4,766	3,381	1,385	93.0
1976 .....	5,300	1,000	5,300	7,438	12,738	6,080	4,095	1,985	118.0
1977 .....	7,200	1,000	7,200	6,658	13,858	5,189	2,409	2,780	96.3
1978 .....	6,100	1,120	6,832	8,669	15,501	4,604	3,648	956	94.5
1979 <sup>4</sup> .....	4,800	1,150	5,520	10,897	16,417	.....	.....	.....	107.9
Kentucky and Tennessee fire-cured, types 22-23:									
1971 .....	19,510	1,928	37,611	53,254	90,865	34,650	18,691	15,959	60.8
1972 .....	20,390	1,844	37,592	56,215	93,807	36,550	22,297	14,253	57.3
1973 .....	16,620	1,668	27,721	57,257	84,978	39,879	24,206	15,673	71.7
1974 .....	16,190	1,734	25,942	45,099	71,041	30,293	15,805	14,488	93.4
1975 .....	16,380	1,772	32,560	40,748	73,308	30,723	18,546	12,177	104.7
1976 .....	21,200	1,567	33,216	42,585	75,801	34,566	23,408	11,158	142.2
1977 .....	25,560	1,767	45,166	41,235	86,401	35,392	18,024	17,368	132.3
1978 .....	27,100	1,898	51,428	51,009	102,437	37,333	22,172	15,161	113.6
1979 <sup>4</sup> .....	22,100	1,810	40,000	65,104	105,104	.....	.....	.....	115.2
Burley, type 31:									
1971 .....	213,500	2,213	472,576	1,345,830	1,818,406	569,937	54,729	515,208	80.9
1972 .....	235,550	2,552	601,006	1,248,469	1,849,475	3,609,629	75,616	534,013	79.2
1973 .....	222,100	2,028	450,416	1,229,175	1,679,591	3,619,223	86,759	532,464	92.9
1974 .....	260,750	2,350	612,649	1,070,665	1,683,314	3,586,718	67,902	518,816	113.7
1975 .....	278,150	2,265	639,056	1,094,385	1,733,441	3,602,271	92,422	509,849	105.5
1976 .....	285,800	2,376	678,976	1,160,102	1,839,078	3,617,428	116,835	500,593	114.2
1977 .....	268,600	2,298	617,280	1,217,225	1,834,505	3,611,318	116,489	494,829	120.0
1978 .....	261,000	2,399	626,263	1,218,439	1,844,702	3,624,304	121,471	502,833	131.2
1979 <sup>4</sup> .....	239,200	1,910	456,990	1,211,735	1,668,725	.....	.....	.....	145.2
Maryland, type 32:									
1971 .....	27,000	1,040	28,080	51,846	79,926	25,456	7,998	17,458	81.9
1972 .....	24,000	990	23,760	54,470	78,230	25,548	12,122	13,426	84.5
1973 .....	25,800	1,260	35,027	52,682	87,709	25,998	12,345	13,653	90.5
1974 .....	26,000	1,260	32,753	61,711	94,464	33,458	8,474	24,984	92.8
1975 .....	22,166	950	21,058	61,006	82,064	33,435	9,677	23,758	109.0
1976 .....	23,000	1,300	29,900	48,629	78,259	3,29,676	12,469	17,207	110.0
1977 .....	23,000	1,310	30,130	48,766	78,896	3,28,060	9,408	18,652	115.1
1978 .....	22,000	1,390	30,580	50,606	81,186	3,31,140	10,144	20,996	123.1
1979 <sup>4</sup> .....	22,000	1,200	26,400	50,050	76,450	.....	.....	.....	139.7

See footnotes at end of table.

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1971-79  
(farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Total dark air-cured, types 35-37:</b>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1971 .....	9,450	1,774	16,763	52,980	69,743	20,555	2,131	18,424	47.5
1972 .....	9,050	1,798	16,273	49,188	65,461	17,542	2,471	15,071	50.7
1973 .....	8,250	1,619	13,358	47,919	61,277	21,414	3,098	18,316	62.4
1974 .....	7,680	1,623	12,465	39,863	52,328	17,203	3,106	14,097	77.2
1975 .....	8,680	1,690	14,670	35,125	49,795	19,511	2,775	16,736	89.6
1976 .....	9,930	1,595	15,836	30,284	46,120	18,294	2,381	15,913	116.1
1977 .....	11,950	1,772	21,180	27,826	49,006	16,812	2,569	14,243	117.0
1978 .....	11,980	1,923	23,034	32,194	55,228	18,901	2,894	16,007	98.7
1979 <sup>4</sup> .....	10,450	1,649	17,230	36,327	53,557	.....	.....	.....	111.0
<b>One sucker, type 35:</b>									
1971 .....	6,100	1,840	11,224	32,018	43,242	13,825	1,674	12,151	47.3
1972 .....	5,750	1,842	10,590	29,417	40,007	11,977	2,004	9,973	51.6
1973 .....	5,300	1,633	8,654	28,030	36,684	13,567	2,643	10,924	61.2
1974 .....	4,850	1,588	7,701	23,117	30,818	11,741	2,576	9,165	75.2
1975 .....	5,550	1,732	9,611	19,077	28,688	13,144	2,457	10,687	90.5
1976 .....	6,600	1,590	10,493	15,544	26,037	11,836	2,062	9,774	115.8
1977 .....	7,900	1,844	14,571	14,201	28,772	12,467	1,999	10,468	117.7
1978 .....	8,100	2,000	16,200	16,305	32,505	13,065	2,329	10,736	98.3
1979 <sup>4</sup> .....	7,200	1,664	11,980	19,440	31,420	.....	.....	.....	114.1
<b>Green River, type 36:</b>									
1971 .....	2,450	1,820	4,459	17,316	22,275	5,503	273	5,230	46.4
1972 .....	2,500	1,950	4,875	16,772	21,647	4,962	253	4,709	47.4
1973 .....	2,250	1,680	3,780	16,685	20,465	6,693	220	6,473	63.5
1974 .....	2,150	1,800	3,870	13,772	17,642	3,885	268	3,617	80.1
1975 .....	2,400	1,825	4,380	13,757	18,137	5,469	140	5,329	88.3
1976 .....	2,650	1,730	4,585	12,668	17,253	5,395	65	5,330	118.5
1977 .....	3,250	1,760	5,785	11,858	17,643	3,588	443	3,145	117.8
1978 .....	3,150	1,890	5,954	14,055	20,009	5,300	373	4,927	101.1
1979 <sup>4</sup> .....	2,700	1,700	4,590	14,709	19,299	.....	.....	.....	105.3
<b>Virginia sun-cured, type 37:</b>									
1971 .....	900	1,200	1,080	3,146	4,226	1,227	184	1,043	54.1
1972 .....	800	1,010	808	2,999	3,807	603	214	389	57.9
1973 .....	700	1,320	924	3,204	4,128	1,154	235	919	69.2
1974 .....	680	1,315	894	2,974	3,868	1,577	262	1,315	82.1
1975 .....	750	1,150	679	2,291	2,970	898	188	710	85.5
1976 .....	680	1,115	758	2,072	2,830	1,063	254	809	105.0
1977 .....	800	1,030	824	1,767	2,591	757	127	630	100.0
1978 .....	730	1,205	880	1,834	2,714	536	192	344	88.8
1979 <sup>4</sup> .....	550	1,200	660	2,178	2,838	.....	.....	.....	90.8
<b>Total continental cigar filler, types 41-44:</b>									
1971 .....	17,250	1,639	28,265	94,836	123,101	45,887	376	45,511	36.7
1972 .....	15,350	1,458	22,383	77,214	99,597	39,047	312	38,735	45.6
1973 .....	15,200	1,659	25,224	60,550	85,774	32,407	759	31,648	51.9
1974 .....	15,000	1,937	29,060	53,367	82,427	27,344	277	27,067	58.1
1975 .....	13,800	1,651	22,788	55,083	78,871	25,387	385	25,002	58.3
1976 .....	15,300	1,726	26,415	52,484	78,899	23,184	377	22,807	59.9
1977 .....	15,300	1,950	29,835	55,715	85,543	24,469	276	24,193	60.2
1978 .....	14,600	1,930	28,180	61,081	89,261	27,328	145	27,183	61.5
1979 <sup>4</sup> .....	14,400	1,700	24,480	61,933	86,413	.....	.....	.....	71.9
<b>Pennsylvania seedleaf filler, type 41:</b>									
1971 .....	15,200	1,610	24,472	86,998	111,470	41,291	376	40,915	36.0
1972 .....	13,000	1,400	18,200	70,179	88,379	34,659	312	34,347	46.0
1973 .....	13,000	1,700	22,100	53,720	75,820	28,307	759	27,548	52.0
1974 .....	13,000	2,000	26,000	47,513	73,513	24,302	277	24,025	58.0
1975 .....	12,000	1,650	19,800	49,211	69,011	22,223	385	21,838	58.0
1976 .....	13,500	1,750	23,625	46,788	70,413	20,672	377	20,295	60.0
1977 .....	13,500	1,940	26,190	49,741	75,931	21,846	276	21,570	60.0
1978 .....	13,000	1,940	25,220	54,085	79,305	23,633	145	23,488	62.0
1979 <sup>4</sup> .....	13,000	1,700	22,100	55,672	77,772	.....	.....	.....	72.0

See footnotes at end of table.



**Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1971-79 (farm-sales-weight basis)—Continued**

Type and crop year	Area	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
Miami Valley (Ohio) filler, types 42-44:	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1971 .....	2,650	1,850	3,793	7,838	11,631	4,596	.....	4,596	41.0
1972 .....	2,350	1,780	4,183	7,035	11,218	4,388	.....	4,388	44.0
1973 .....	2,200	1,420	3,124	6,830	9,954	4,100	.....	4,100	51.0
1974 .....	2,000	1,530	3,060	5,854	8,914	3,042	.....	3,042	59.0
1975 .....	1,800	1,660	2,988	5,872	8,860	3,164	.....	3,164	60.0
1976 .....	1,800	1,550	2,790	5,696	8,486	2,512	.....	2,512	59.0
1977 .....	1,800	2,025	3,645	5,974	9,612	2,623	.....	2,623	62.0
1978 .....	1,500	1,850	2,960	6,996	9,956	3,695	.....	3,695	64.0
1979 <sup>4</sup> .....	1,400	1,700	2,380	6,261	8,641	.....	.....	.....	87.0
Puerto Rican filler, type 46:									
1971 .....	4,806	1,400	6,728	14,984	21,712	9,041	.....	9,041	39.8
1972 .....	5,635	843	4,752	12,671	17,423	8,231	.....	8,231	42.1
1973 .....	4,500	1,444	6,500	9,192	15,692	5,646	.....	5,646	41.2
1974 .....	2,650	1,477	3,914	10,046	13,960	7,861	.....	7,861	44.5
1975 .....	3,225	1,343	4,330	6,099	10,429	3,207	.....	3,207	49.7
1976 .....	3,200	1,272	4,069	7,222	11,291	4,911	.....	4,911	57.6
1977 .....	2,300	1,705	3,922	6,380	10,302	3,870	.....	3,870	60.2
1978 .....	2,200	1,400	3,107	6,432	9,539	2,594	.....	2,594	57.0
1979 <sup>4</sup> .....	2,000	1,300	2,600	6,945	9,545	.....	.....	.....	( <sup>7</sup> )
Total cigar binder, types 51-55:									
1971 .....	12,210	2,075	25,332	44,294	69,626	22,973	96	22,877	56.1
1972 .....	12,360	1,714	21,187	46,653	67,840	21,362	109	21,253	51.3
1973 .....	11,760	1,841	21,647	46,478	68,125	25,282	101	25,181	62.2
1974 .....	10,860	1,934	21,007	42,843	63,850	22,044	207	21,837	76.0
1975 .....	12,520	1,851	23,175	41,806	64,981	21,460	274	21,186	76.9
1976 .....	12,610	1,795	22,633	43,521	66,154	21,814	159	21,655	76.5
1977 .....	13,380	2,007	26,847	44,340	71,187	21,169	144	21,025	88.4
1978 .....	13,620	1,684	22,940	50,018	72,958	22,195	88	22,107	105.6
1979 <sup>4</sup> .....	14,330	1,915	27,446	50,763	78,209	.....	.....	.....	120.8
Connecticut Val-ley broadleaf, type 51:									
1971 .....	1,300	1,670	2,171	4,385	6,556	1,404	95	1,309	67.0
1972 .....	1,300	1,550	2,015	5,152	7,167	1,805	103	1,702	72.0
1973 .....	1,350	1,700	2,295	5,362	7,657	2,780	98	2,682	73.0
1974 .....	1,300	1,700	2,210	4,877	7,087	2,592	206	2,386	82.0
1975 .....	1,350	1,550	2,093	4,495	6,588	3,251	176	3,075	92.0
1976 .....	1,350	1,580	2,133	3,337	5,470	1,971	149	1,822	90.0
1977 .....	1,200	1,770	2,124	3,499	5,623	1,702	36	1,666	125.0
1978 .....	1,350	1,700	2,295	3,921	6,216	1,713	79	1,634	150.0
1979 <sup>4</sup> .....	1,250	1,600	2,000	4,503	6,503	.....	.....	.....	170.0
Connecticut Val-ley Havana Seed, type 52:									
1971 .....	310	2,050	636	2,766	3,402	1,116	.....	1,116	61.0
1972 .....	260	1,850	481	2,286	2,767	644	.....	644	62.0
1973 .....	210	1,850	389	2,123	2,512	391	.....	391	72.0
1974 .....	160	2,040	326	2,121	2,447	776	.....	776	82.0
1975 .....	170	1,650	281	1,671	1,952	1,030	.....	1,030	98.0
1976 .....	160	1,819	291	922	1,213	368	.....	368	87.0
1977 .....	180	1,880	338	845	1,183	184	.....	184	98.0
1978 .....	170	2,000	340	999	1,339	358	.....	358	110.0
1979 <sup>4</sup> .....	180	1,700	306	981	1,287	.....	.....	.....	120.0
Southern Wisconsin, type 54:									
1971 .....	5,300	2,270	12,031	18,756	30,787	10,531	.....	10,531	55.6
1972 .....	5,000	1,685	8,425	20,256	28,681	9,234	.....	9,234	48.0
1973 .....	4,900	1,950	9,555	19,447	29,002	10,078	.....	10,078	60.5
1974 .....	4,700	2,060	9,682	18,924	28,606	8,795	.....	8,795	74.9
1975 .....	5,600	1,945	10,892	19,811	30,703	7,454	.....	7,454	75.1
1976 .....	5,600	1,890	10,584	23,249	33,833	10,066	.....	10,066	74.7
1977 .....	6,200	2,020	12,524	23,767	36,281	10,244	.....	10,244	84.6
1978 .....	6,200	1,800	11,160	26,047	37,207	11,361	.....	11,361	100.5
1979 <sup>4</sup> .....	6,300	2,000	12,600	25,846	38,446	.....	.....	.....	117.0

See footnotes at end of table.



Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1971-79 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
Northern Wisconsin type 55:	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1971 .....	5,300	1,980	10,494	18,387	28,881	9,922	1	9,921	54.0
1972 .....	5,800	1,770	10,266	18,959	29,225	9,679	6	9,673	49.0
1973 .....	5,300	1,775	9,408	19,546	28,954	12,033	3	12,030	60.7
1974 .....	4,700	1,870	8,789	16,921	25,710	9,881	1	9,880	75.4
1975 .....	5,400	1,835	9,909	15,829	25,738	9,725	98	9,627	75.1
1976 .....	5,500	1,750	9,625	16,013	25,638	9,409	10	9,399	75.2
1977 .....	5,800	2,045	11,861	16,229	28,090	9,039	108	8,931	85.5
1978 .....	5,900	1,550	9,145	19,051	28,196	8,763	9	8,754	100.5
1979 <sup>4</sup> .....	6,600	1,900	12,540	19,433	31,973	.....	.....	.....	117.0
Total cigar wrapper, types 61-62:									
1971 .....	7,680	1,614	12,397	22,009	34,406	14,586	3,475	11,111	347.5
1972 .....	7,100	1,365	9,691	19,820	29,511	11,784	3,242	8,542	387.1
1973 .....	7,630	1,280	9,799	17,727	27,493	12,456	2,383	10,073	452.2
1974 .....	6,650	1,652	10,988	15,037	26,025	10,383	4,354	6,029	536.1
1975 .....	5,470	1,409	7,706	15,642	23,348	9,796	4,227	5,569	585.7
1976 .....	4,600	1,565	7,198	13,552	20,750	7,602	3,759	3,843	528.2
1977 .....	3,420	1,547	5,292	13,148	18,440	5,736	4,753	983	591.4
1978 .....	2,710	1,392	3,773	12,704	16,477	6,237	5,294	943	750.0
1979 <sup>4</sup> .....	2,700	1,519	4,101	10,240	14,341	.....	.....	.....	850.0
Connecticut Valley shadegrown, type 61:									
1971 .....	4,700	1,635	7,683	13,888	21,571	8,403	2,702	5,701	400.0
1972 .....	4,050	1,250	5,063	13,168	18,231	7,486	2,804	4,682	485.0
1973 .....	5,000	1,210	6,050	10,745	16,795	8,292	1,853	6,439	515.0
1974 .....	4,800	1,625	7,798	8,503	16,301	6,831	3,904	2,927	600.0
1975 .....	4,350	1,371	5,963	9,470	15,433	7,889	3,783	4,106	640.0
1976 .....	4,250	1,555	6,610	7,544	14,154	5,236	3,336	1,900	540.0
1977 .....	3,280	1,544	5,064	8,918	13,982	4,707	4,213	494	600.0
1978 .....	2,710	1,392	3,773	9,275	13,048	4,927	4,584	43	750.0
1979 <sup>4</sup> .....	2,700	1,519	4,101	8,121	12,222	.....	.....	.....	850.0
Georgia-Florida shadegrown type 62:									
1971 .....	3,980	1,582	4,714	8,121	12,835	6,183	773	5,410	262.0
1972 .....	3,050	1,517	4,628	6,652	11,220	4,298	437	3,860	280.0
1973 .....	2,630	1,413	3,716	6,982	10,698	4,164	530	3,634	350.0
1974 .....	1,850	1,724	3,190	6,534	9,724	3,552	450	3,102	380.0
1975 .....	1,120	1,556	1,743	6,172	7,915	1,907	444	1,463	400.0
1976 .....	350	1,680	588	6,008	6,596	2,366	423	1,943	395.0
1977 .....	140	1,630	228	4,230	4,458	1,029	540	489	400.0
1978 .....	0	0	0	3,429	3,429	1,310	410	900	.....
1979 <sup>4</sup> .....	.....	.....	.....	2,119	2,119	.....	.....	.....	.....
Total tobacco, types 11-72: <sup>8</sup>									
1971 .....	842,396	2,032	1,711,612	3,666,127	5,377,739	<sup>3</sup> 1,892,156	571,260	1,320,896	78.5
1972 .....	848,055	2,068	1,754,032	3,484,090	5,238,122	<sup>3</sup> 1,955,344	639,217	1,316,127	83.0
1973 .....	893,367	1,958	1,752,132	3,278,565	5,030,697	<sup>3</sup> 2,089,788	732,351	1,357,437	90.1
1974 .....	967,270	2,064	1,996,155	2,953,539	4,949,694	<sup>3</sup> 1,941,595	653,586	1,288,009	108.6
1975 .....	1,089,575	2,006	2,185,313	3,009,670	5,194,983	<sup>3</sup> 1,943,717	654,245	1,289,472	102.6
1976 .....	1,044,520	2,045	2,135,829	3,304,557	5,440,386	<sup>3</sup> 1,911,814	677,816	1,233,998	112.5
1977 .....	960,400	1,996	1,916,659	3,525,843	5,442,502	<sup>3</sup> 1,899,594	693,236	1,206,358	118.4
1978 .....	950,460	2,133	2,027,469	3,543,603	5,571,089	<sup>3</sup> 1,957,821	764,755	1,193,066	132.3
1979 <sup>4</sup> .....	832,050	1,863	1,549,955	3,579,264	5,129,219	.....	.....	.....	141.0

<sup>1</sup> July 1 for flue-cured types 11-14 and cigar types 61 and 62; Oct. 1 for all other types.

<sup>2</sup> Exports by rehandling trade included in totals of types from which they are made.

<sup>3</sup> Disappearance adjusted for tobacco still on farms at end of marketing year.

<sup>4</sup> Preliminary.

<sup>5</sup> Evaluated at 139.7 cents per pound.

<sup>6</sup> Puerto Rican crop planted in the fall of the year shown and harvested the following spring.

<sup>7</sup> Evaluated at 60.0 cents per pound.

<sup>8</sup> Includes Perique.

Economics, Statistics, and Cooperatives Service—Economics. Basic export data from the official reports of the Department of Commerce.

Table 142.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1976-80 (farm-sales-weight basis)<sup>1</sup>

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Flue-cured, types 11-14:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Miami Valley (Ohio) filler, types	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1976	2,443,455	2,089,415	1,873,530	2,468,230	42-44	4,805	7,029	6,334	5,696
1977	2,595,898	2,305,093	2,074,975	2,534,951	1976	4,694	6,939	6,596	5,974
1978	2,578,694	2,276,212	2,051,906	2,529,503	1977	5,415	8,166	7,786	6,996
1979	2,599,609	2,305,855	2,074,828	2,629,850	1978	6,566	8,318	6,981	6,261
1980	2,456,544	.....	.....	.....	1979	5,460	.....	.....	.....
Virginia fire- cured, type 21:	.....	.....	.....	.....	1980	.....	.....	.....	.....
1976	8,514	9,629	8,582	7,438	Puerto Rican filler, type 46: 2	.....	.....	.....	.....
1977	8,053	8,649	8,381	6,658	1976	6,061	6,006	5,602	7,222
1978	8,746	12,644	10,529	8,669	1977	6,890	8,565	7,133	6,380
1979	9,728	12,713	12,138	10,897	1978	4,556	4,695	5,675	6,432
1980	11,335	.....	.....	.....	1979	3,721	5,934	6,698	6,945
Kentucky and Tennessee fire-cured, type 22:	.....	.....	.....	.....	1980	6,820	.....	.....	.....
1976	28,950	51,928	45,185	38,270	Connecticut Valley Broadleaf, Type 51:	.....	.....	.....	.....
1977	32,651	45,169	42,123	34,906	1976	4,100	4,259	3,835	3,387
1978	28,677	54,045	52,298	43,590	1977	3,824	3,788	3,747	3,499
1979	33,051	61,540	61,121	55,137	1978	3,938	4,091	4,471	3,921
1980	48,434	.....	.....	.....	1979	4,338	4,452	4,955	4,503
Kentucky and Tennessee fire-cured, type 23:	.....	.....	.....	.....	1980	4,932	.....	.....	.....
1976	3,553	6,505	5,557	4,315	Connecticut Valley Havana Seed, type 52:	.....	.....	.....	.....
1977	4,560	6,962	8,837	6,329	1976	1,686	1,414	1,367	922
1978	4,350	10,120	11,886	7,419	1977	1,148	1,068	885	845
1979	4,678	10,351	11,883	9,967	1978	1,114	1,195	983	999
1980	9,005	.....	.....	.....	1979	972	1,018	1,069	981
Burley, type 31:	.....	.....	.....	.....	1980	823	.....	.....	.....
1976	1,345,529	1,420,491	1,265,480	1,130,992	Southern Wisconsin, type 54:	.....	.....	.....	.....
1977	1,898,627	1,501,753	1,375,385	1,217,225	1976	17,278	25,394	23,070	23,249
1978	1,494,960	1,491,317	1,353,189	1,218,439	1977	20,728	29,153	26,971	23,767
1979	1,489,696	1,518,555	1,332,516	1,211,735	1978	21,797	30,321	28,096	26,047
1980	1,373,659	.....	.....	.....	1979	26,037	33,716	29,472	25,846
Maryland, type 32:	.....	.....	.....	.....	1980	27,662	.....	.....	.....
1976	53,634	48,863	57,762	48,629	Northern Wisconsin, type 55:	.....	.....	.....	.....
1977	41,859	37,988	54,248	48,766	1976	16,290	22,534	20,934	16,013
1978	45,325	40,756	63,353	50,606	1977	13,539	18,822	18,098	16,229
1979	41,877	37,568	55,913	50,050	1978	17,178	23,435	22,255	19,051
1980	41,339	.....	.....	.....	1979	17,793	22,038	21,516	19,433
One Sucker, type 35:	.....	.....	.....	.....	1980	19,291	.....	.....	.....
1976	18,928	20,727	19,453	15,544	Connecticut Valley shade- grown, type 61:	.....	.....	.....	.....
1977	16,175	18,398	17,771	14,201	1976	11,493	10,138	7,544	8,829
1978	16,557	19,966	18,391	16,305	1977	10,662	10,948	8,917	9,492
1979	16,777	24,249	22,183	19,440	1978	8,455	9,915	9,275	7,747
1980	19,799	.....	.....	.....	1979	8,535	8,873	8,121	7,354
Green River, type 36:	.....	.....	.....	.....	1980	8,167	.....	.....	.....
1976	13,389	16,301	14,018	12,668	Georgia and Florida Shade- grown, type 62:	.....	.....	.....	.....
1977	11,308	14,318	14,010	11,858	1976	7,898	6,290	6,008	5,337
1978	12,776	19,876	18,297	14,055	1977	4,933	3,934	4,230	4,263
1979	14,171	16,353	16,042	14,709	1978	3,962	3,655	3,429	3,114
1980	15,872	.....	.....	.....	1979	2,566	2,178	2,119	1,798
Virginia sun- cured, type 37:	.....	.....	.....	.....	1980	1,544	.....	.....	.....
1976	2,294	2,318	2,210	2,072	Perique, type 72:	.....	.....	.....	.....
1977	2,186	2,140	2,089	1,767	1976	546	553	501	459
1978	1,944	2,047	1,947	1,834	1977	593	574	529	531
1979	2,319	2,423	2,278	2,178	1978	545	593	558	555
1980	2,295	.....	.....	.....	1979	511	648	468	442
Pennsylvania Seedleaf, type 41:	.....	.....	.....	.....	1980	420	.....	.....	.....
1976	43,726	58,344	52,119	46,788					
1977	42,948	56,739	53,368	49,741					
1978	45,648	64,991	57,037	54,085					
1979	53,158	68,827	62,616	55,672					
1980	49,079	.....	.....	.....					

See footnotes at end of table.

Table 142.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1976-80 (farm-sales-weight basis)<sup>1</sup>—Continued

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Other miscellaneous domestic, type 73:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Foreign-grown cigarette and smoking tobacco, types 91-93:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1976 .....	5,872	6,379	6,443	6,089	1976 .....	568,430	628,348	618,995	646,447
1977 .....	5,983	5,596	5,250	4,777	1977 .....	637,256	598,783	591,878	605,764
1978 .....	5,063	4,709	4,273	5,890	1978 .....	598,403	603,675	627,713	610,951
1979 .....	6,073	4,139	4,301	4,064	1979 .....	636,196	654,745	684,015	696,174
1980 .....	5,831	.....	.....	.....	1980 .....	683,465	.....	.....	.....
Foreign-grown cigar-leaf, types 81-89:									
1976 .....	131,094	125,605	121,631	109,375					
1977 .....	114,256	111,037	105,984	102,480					
1978 .....	100,315	101,019	97,197	91,548					
1979 .....	92,598	100,312	96,847	95,005					
1980 .....	91,024	.....	.....	.....					

<sup>1</sup> Stocks shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by grower—thereby making these data of leaf-tobacco stocks comparable with data of leaf-tobacco production.

<sup>2</sup> Stocks on the island of Puerto Rico are included.

Agricultural Marketing Service.

Table 143.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1965-79

Year	Cigars		Cigarettes		Chewing tobacco				Smoking tobacco	Snuff	Total chewing, smoking, and snuff
	Large, weighing more than 3 pounds per 1,000 <sup>1</sup>	Small, weighing not more than 3 pounds per 1,000	Large, weighing more than 3 pounds per 1,000	Small, weighing not more than 3 pounds per 1,000 <sup>2</sup>	Plug	Twist	Fine-cut	Loose-leaf <sup>3</sup>			
1965 .....	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1965 .....	7,899	441	(*)	556,806	24,651	2,850	3,710	33,918	71,781	29,710	166,621
1966 <sup>5</sup> .....	7,165	445	(*)	567,264	24,285	2,739	3,916	34,256	67,347	29,501	162,044
1967 .....	6,859	434	(*)	576,183	23,741	2,572	4,065	34,028	64,766	29,323	158,495
1968 .....	7,184	523	1.0	579,493	22,926	2,567	4,268	35,666	66,275	27,057	158,759
1969 .....	6,937	743	1.1	557,647	23,349	2,466	4,480	39,494	63,865	27,585	161,239
1970 .....	7,095	933	1.1	583,250	21,987	2,439	4,824	39,539	69,370	26,522	164,681
1971 .....	6,722	1,135	.5	576,425	20,588	2,359	5,149	43,314	60,519	26,425	158,354
1972 .....	6,033	4,022	.7	599,070	19,569	2,240	5,233	45,583	55,845	25,490	153,960
1973 .....	5,664	4,415	1.1	644,245	18,575	2,138	5,702	47,596	53,007	25,297	152,315
1974 .....	5,284	3,099	1.9	635,017	18,009	2,188	6,174	52,878	48,985	24,995	153,229
1975 .....	4,524	2,942	2.0	651,211	18,145	2,285	7,327	53,742	46,194	24,381	152,074
1976 .....	4,178	2,246	1.4	693,389	16,674	2,312	8,358	56,302	44,584	24,848	153,078
1977 .....	3,922	1,828	1.3	665,864	16,437	2,180	10,119	61,251	40,711	24,613	155,311
1978 .....	3,795	1,645	1.0	695,991	15,895	2,101	11,969	64,591	36,406	25,086	156,048
1979 <sup>6</sup> .....	3,611	1,538	1.4	704,237	15,291	2,001	13,318	71,659	32,789	23,700	158,758

<sup>1</sup> Cigars produced in bonded manufacturing warehouses are included.

<sup>2</sup> "King size" cigarettes included in this category.

<sup>3</sup> Formerly designated "Scrap."

<sup>4</sup> Less than 500,000.

<sup>5</sup> Excise tax on chewing and smoking tobacco and snuff discontinued after 1965. Data now reported by Agricultural Marketing Service, U.S. Department of Agriculture, and are not strictly comparable with prior year.

<sup>6</sup> Preliminary.

Agricultural Marketing Service.

**Table 144.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1965-79<sup>1</sup>**

Year	Cigarettes			Large cigars <sup>2</sup>			Smoking, chewing and snuff <sup>3</sup>		All tobacco products <sup>3</sup>	
	Total		Per capita	Total		Per capita	Total	Per capita	Total	Per capita
	Billions	Million pounds	Number	Billions	Million pounds <sup>4</sup>	Number	Million pounds	Pounds	Million pounds	Pounds
1965.....	529	1,163	4,258	8.6	157	70	110	0.88	1,429	11.51
1966.....	541	1,147	4,287	8.3	149	66	108	.86	1,404	11.12
1967.....	549	1,136	4,280	8.1	143	63	107	.83	1,385	10.79
1968.....	546	1,133	4,186	7.9	139	61	108	.83	1,380	10.59
1969.....	529	1,082	3,992	8.0	138	60	110	.83	1,330	10.04
1970.....	536	1,050	3,985	8.1	138	60	113	.83	1,301	9.68
1971.....	550	1,066	4,037	7.9	133	57	112	.82	1,310	9.52
1972.....	567	1,111	4,043	7.3	128	52	110	.79	1,350	9.65
1973.....	590	1,126	4,148	7.0	130	49	106	.75	1,362	9.53
1974.....	599	1,142	4,141	6.4	111	44	109	.75	1,361	9.41
1975.....	607	1,138	4,123	5.8	101	39	106	.72	1,346	9.14
1976.....	614	1,090	4,092	5.4	92	36	109	.73	1,291	8.61
1977.....	617	1,099	4,043	5.0	88	33	107	.70	1,296	8.49
1978.....	616	1,069	3,967	4.7	82	30	107	.69	1,259	8.10
1979 <sup>5</sup> .....	620	1,066	3,924	4.3	75	27	109	.69	1,251	7.92

<sup>1</sup> Includes consumption by overseas forces.<sup>2</sup> Weighing over 3 pounds per 1,000.<sup>3</sup> Unstemmed-processing weight equivalent.<sup>4</sup> Includes weight of small cigars.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. No adjustment made for quantities lost, destroyed, bartered, etc., under war and postwar conditions, but such adjustments probably would be small in relation to totals.

**Table 145.—Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1965-79**

Year	Cigarettes				Cigars <sup>3</sup>			
	Total output	Domestic consumption <sup>1</sup>	Tax-exempt removals <sup>2</sup>		Total output <sup>4</sup>	Domestic consumption <sup>1</sup>	Tax-exempt removals <sup>2</sup>	
			Total	Exports			Total	Exports
	Billions	Billions	Billions	Billions	Millions	Millions	Millions	Millions
1965.....	556.8	511.5	44.2	23.1	8,841	8,513	180	55
1966.....	567.3	522.5	46.1	23.4	8,243	8,175	193	73
1967.....	576.2	527.8	49.0	23.7	8,061	7,972	197	76
1968.....	579.5	523.0	53.8	26.5	8,257	7,827	169	66
1969.....	557.6	510.5	47.1	25.0	8,023	7,868	169	65
1970.....	583.2	518.2	51.2	29.2	8,379	8,009	152	54
1971.....	576.4	540.4	49.2	31.8	7,928	7,776	131	46
1972.....	599.1	554.4	49.0	34.6	7,464	7,225	139	75
1973.....	644.2	577.3	55.9	41.5	6,959	6,972	143	103
1974.....	635.0	588.6	59.2	46.9	6,462	6,356	136	86
1975.....	651.2	596.4	62.3	49.9	5,743	5,804	125	92
1976.....	693.4	604.7	72.1	61.4	5,403	5,373	144	124
1977.....	665.9	606.8	78.1	66.8	5,031	4,988	134	117
1978.....	695.9	606.4	85.1	74.4	4,781	4,702	164	166
1979 <sup>5</sup> .....	704.2	607.3	93.6	79.7	4,443	4,304	179	177

<sup>1</sup> As indicated by taxable removals and imports, and estimated inventory changes.<sup>2</sup> In addition to exports, tax-exempt removals include principally shipments to forces overseas, to United States possessions, and ships' stores.<sup>3</sup> Includes cigarillos but excludes small (approximately cigarette-size) cigars.<sup>4</sup> Includes cigars shipped to mainland United States from Puerto Rico.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from annual and monthly reports of the Internal Revenue Service, U.S. Treasury Department, and the Commerce Department.



Table 146.—Tobacco: Price-support operations, United States, 1965–80<sup>1</sup>

Year	Flue-cured, types 11-14			Burley, type 31		
	Support price per pound	Put under support <sup>2</sup>		Support price per pound	Put under support <sup>2</sup>	
		Quantity	Percentage of production		Quantity	Percentage of production
	<i>Cents</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Percent</i>
1965.....	57.7	71	6.8	59.5	42	7.2
1966.....	58.8	75	6.7	60.6	63	10.6
1967.....	59.9	282	22.6	61.8	64	11.9
1968.....	61.6	128	12.9	63.5	56	10.0
1969.....	63.8	97	9.2	65.8	158	26.7
1970.....	66.6	144	12.2	68.6	47	8.5
1971.....	69.4	56	5.2	71.5	( <sup>3</sup> )	.....
1972.....	72.7	24	2.4	74.9	23	3.9
1973.....	76.6	31	2.7	78.9	1	.1
1974.....	83.3	25	2.0	85.8	3	.5
1975.....	93.2	259	18.2	96.1	51	7.5
1976.....	106.0	277	21.1	109.3	46	7.1
1977.....	113.8	196	17.4	117.3	56	9.2
1978.....	121.0	64	5.3	124.7	<sup>4</sup> 67	<sup>4</sup> 10.9
1979.....	129.3	70	7.1	133.3	<sup>4</sup> 7	<sup>4</sup> 1.4
1980.....	145.1	.....	.....	.....	.....	.....

<sup>1</sup> This table does not show support operations for all tobacco. Only burley and flue-cured are shown because they are substantially more important in the total tobacco picture than other types which are also supported.

<sup>2</sup> Title to the tobacco obtained under the price-support program is retained in most cases by the Producers' Cooperative Association handling price-support loans.

<sup>3</sup> Less than 500,000 pounds.

<sup>4</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 147.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, 1977–79

Classification and country of origin	1977	1978	1979 <sup>1</sup>	Classification and country of origin	1977	1978	1979 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cigarette leaf:				Cigar wrapper:			
Brazil.....	1,611	1,005	878	Honduras.....	134	146	189
Greece.....	7,545	12,005	12,242	Nicaragua.....	341	286	275
Yugoslavia.....	6,248	7,761	6,349	Cameroon.....	221	213	151
Lebanon.....	2,936	1,791	2,169	Other countries.....	68	92	924
Italy.....	11,143	6,655	5,524	Total.....	764	737	1,539
Turkey.....	39,661	40,978	40,518	Scrap:			
Korea, Rep. of.....	1,972	205	0	Dominican Republic.....	3,383	2,521	2,617
Other countries.....	16,932	19,044	19,121	Brazil.....	11,467	11,149	15,063
Total.....	88,048	89,444	86,801	Korea, Rep. of.....	7,489	7,569	8,974
Cigar filler:				Turkey.....	2,920	2,984	4,905
Unstemmed:				Philippines.....	6,040	6,724	5,921
Dominican Republic.....	41	146	60	Other countries.....	17,427	23,064	33,708
Nicaragua.....	275	185	149	Total.....	48,726	54,011	71,188
Philippines.....	175	265	176	Stems:			
Indonesia.....	328	789	0	Dominican Republic.....	699	646	540
Other countries.....	730	1,021	971	Brazil.....	1,393	1,445	2,250
Stemmed:				Argentina.....	402	360	456
Honduras.....	324	347	316	Other countries.....	723	2,219	5,818
Mexico.....	143	162	192	Total.....	3,217	4,670	9,064
Dominican Republic.....	428	362	486	Grand total.....	143,445	152,401	171,099
Other countries.....	245	262	158				
Total.....	2,690	3,540	2,508				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 148.—Tobacco, unmanufactured: International trade, 1976-78

Continent and country	1976		1977		1978 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:						
Canada.....	25,757	2,563	23,454	2,843	32,647	6,065
Costa Rica.....	15	41	97	69	75	70
Cuba.....	16,500	0	17,000	0	17,500	0
Dominican Republic.....	33,071	1,850	19,572	1,560	37,326	1,330
El Salvador.....	614	704	469	735	100	665
Guatemala.....	3,907	23	4,270	873	4,832	799
Haiti.....	0	400	0	590	0	544
Honduras.....	2,753	1	4,468	553	4,522	544
Jamaica.....	501	1,347	439	1,082	101	1,254
Mexico.....	17,614	0	18,342	2	26,054	42
Nicaragua.....	1,640	124	1,494	377	1,600	500
Panama.....	229	193	300	200	300	200
Trinidad-Tobago.....	183	1,034	171	978	150	950
United States (incl. Puerto Rico).....	266,310	158,352	290,130	139,048	317,527	166,499
Total.....	369,094	166,632	380,206	148,910	442,734	179,462
South America:						
Argentina.....	24,795	106	23,748	114	23,243	73
Brazil.....	106,648	2,376	108,111	198	109,420	500
Bolivia.....	0	800	0	1,000	0	1,000
Chile.....	0	1,379	0	2,252	0	1,210
Colombia.....	20,475	53	13,801	262	22,598	213
Ecuador.....	226	1,754	181	2,966	174	2,001
Guyana.....	0	319	0	292	0	300
Paraguay.....	27,456	73	22,348	0	14,762	0
Peru.....	868	619	642	440	400	425
Surinam.....	0	223	0	225	0	230
Uruguay.....	0	3,516	0	3,500	0	3,500
Venezuela.....	0	76	0	300	0	330
Total.....	180,468	11,294	168,781	11,549	170,597	9,782
Europe:						
Belgium-Luxembourg.....	6,850	41,387	5,763	39,285	3,031	35,998
Denmark.....	1,824	10,314	1,701	16,504	1,981	19,917
France.....	3,170	83,000	3,290	39,135	3,595	48,615
Germany, Fed. Rep. of.....	31,755	167,256	32,232	171,902	33,650	193,337
Ireland.....	3,531	8,699	89	7,663	134	7,181
Italy.....	53,598	33,382	40,536	33,741	43,915	20,270
Netherlands.....	1,094	57,400	200	61,500	500	66,000
United Kingdom.....	3,471	144,491	4,834	142,292	44,815	232,980
Total EC.....	105,293	545,929	88,645	512,022	131,621	624,298
Austria.....	622	10,022	550	12,576	548	13,290
Canary Islands.....	253	32,888	223	19,931	382	22,561
Finland.....	0	6,554	35	6,251	0	8,707
Greece.....	55,677	469	52,853	683	69,702	1,356
Malta-Gozo.....	86	278	30	400	30	425
Norway.....	0	5,960	430	6,412	0	5,337
Portugal (incl. Azores).....	0	8,632	0	9,527	0	9,562
Spain.....	0	38,522	0	40,463	0	37,723
Sweden.....	189	11,635	119	11,014	89	12,997
Switzerland.....	4,636	26,178	5,057	30,868	5,944	27,416
Total Western Europe.....	166,756	687,067	147,942	650,147	208,316	763,672
Albania.....	6,000	0	6,000	0	6,000	0
Bulgaria.....	70,200	3,800	68,300	4,000	59,000	3,500
Czechoslovakia.....	855	15,000	1,000	15,500	1,000	16,000
Germany, Dem. Rep. of.....	1,987	15,800	1,900	16,000	1,800	19,000
Hungary.....	1,300	9,000	1,000	8,500	1,000	8,600
Poland.....	9,644	10,857	9,510	6,979	6,156	7,874
Romania.....	10,000	5,000	10,000	6,000	9,000	7,000
Yugoslavia.....	25,166	2,254	18,697	3,630	28,000	3,000
Total Eastern Europe.....	125,152	61,711	116,407	60,609	111,956	64,974
Total Europe.....	291,908	748,778	264,349	710,756	320,272	828,646
Soviet Union.....	1,401	74,081	1,047	78,078	1,182	64,759
Africa:						
Algeria.....	0	6,636	0	11,699	0	10,000
Angola.....	1,000	150	500	150	0	150
Burundi-Rwanda.....	0	0	0	0	0	0

See footnotes at end of table.

Table 148.—Tobacco, unmanufactured: International trade, 1976–78—Continued

Continent and country	1976		1977		1978 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
<i>Africa—Continued</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cameroon .....	2,231	1,186	2,200	1,200	2,200	1,200
Congo, Republic of .....	100	1,000	100	1,000	100	1,000
Egypt .....	0	22,966	0	29,038	0	29,455
Ghana .....	273	1,453	0	800	0	750
Ivory Coast .....	0	3,050	30	3,406	100	3,400
Kenya .....	2	4,701	0	1,532	0	1,500
Liberia .....	0	347	176	304	0	325
Libya .....	0	1,400	0	1,457	0	1,500
Malagasy Republic .....	0	255	500	250	500	250
Malawi .....	33,900	3,500	37,799	2,500	41,571	2,000
Mauritius .....	0	163	0	120	0	120
Morocco .....	0	7,495	0	9,329	0	8,956
Mozambique .....	400	350	300	400	200	600
Nigeria .....	0	973	0	495	0	1,500
Senegal .....	0	2,000	0	2,100	0	2,200
Sierra Leone .....	0	865	0	1,238	0	1,334
South Africa .....	10,684	13,964	6,065	8,295	7,344	5,870
Tanzania .....	15,762	11	11,737	25	11,000	25
Tunisia .....	771	2,829	0	6,000	1,078	3,116
Uganda .....	1,066	36	900	50	500	50
Zaire .....	0	1,955	0	5,541	0	2,206
Zambia .....	4,596	0	3,536	0	2,500	0
Zimbabwe .....	80,000	0	60,000	0	60,000	0
<b>Total .....</b>	<b>150,785</b>	<b>77,285</b>	<b>123,843</b>	<b>86,929</b>	<b>127,093</b>	<b>77,507</b>
<i>Asia:</i>						
Bangladesh .....	0	10,000	0	500	0	500
Burma .....	30	0	0	0	0	0
<i>China:</i>						
Mainland .....	34,000	0	35,000	0	36,000	0
Taiwan .....	4,140	10,377	4,297	11,499	3,685	16,832
Cyprus .....	287	2,238	329	2,958	289	2,310
Hong Kong .....	8,195	10,177	4,514	7,886	3,196	6,015
India .....	79,600	161	75,000	200	65,618	200
Indonesia .....	20,431	9,363	25,786	9,435	25,882	11,903
Iran .....	210	1,200	300	1,500	181	924
Iraq .....	0	1,000	0	1,500	0	3,500
Israel .....	0	4,463	600	5,074	0	4,700
Japan .....	18	94,193	18	85,980	28	81,400
Jordan .....	6	884	2	1,111	0	1,466
Kampuchea .....	0	1,000	0	2,000	0	2,200
Korea, Dem. Peo. Rep. of .....	800	0	1,000	0	1,500	0
Korea, Rep. of .....	42,133	6,306	48,549	6,799	49,584	10,145
Kuwait .....	125	298	215	525	215	530
Laos .....	0	1,500	0	1,500	0	1,500
Lebanon .....	979	0	6,220	775	3,284	0
Malaysia .....	192	3,519	147	6,459	3	6,459
Pakistan .....	12,247	363	14,726	182	9,074	218
Philippines .....	27,789	9,314	25,680	10,462	23,914	10,208
Singapore .....	142	6,597	209	6,384	79	8,067
Sri Lanka .....	465	780	680	300	500	300
Syria .....	4,690	6,184	1,455	1,600	1,861	0
Thailand .....	22,027	7,315	27,980	11,399	29,742	8,644
Turkey .....	75,153	0	61,835	0	77,335	0
Vietnam .....	0	3,000	0	4,000	0	4,000
Yemen (Aden) .....	1,000	3,200	1,000	3,300	1,000	3,400
<b>Total .....</b>	<b>334,659</b>	<b>193,432</b>	<b>335,542</b>	<b>183,328</b>	<b>332,970</b>	<b>185,421</b>
<i>Oceania</i>						
Australia <sup>2</sup> .....	229	9,172	645	11,497	383	11,480
New Zealand <sup>2</sup> .....	0	3,654	0	3,508	0	4,371
<b>Total .....</b>	<b>229</b>	<b>12,826</b>	<b>645</b>	<b>15,005</b>	<b>383</b>	<b>15,851</b>
<b>World total .....</b>	<b>1,328,544</b>	<b>1,284,328</b>	<b>1,274,413</b>	<b>1,234,555</b>	<b>1,395,231</b>	<b>1,361,428</b>

<sup>1</sup> Preliminary.<sup>2</sup> July–June year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 149.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1977-79

Types and country of destination	1977	1978	1979 <sup>1</sup>	Type and country of destination	1977	1978	1979 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Total unmanufactured:</b>				<b>Flue-cured—Continued</b>			
Canada .....	2,114	1,917	2,061	Thailand .....	5,262	5,260	6,416
Panama .....	300	309	267	Australia .....	4,710	4,377	4,313
Jamaica .....	641	650	577	New Zealand .....	1,708	1,155	1,239
Dominican Republic .....	1,307	1,574	2,201	Other countries .....	17,519	13,674	16,734
Chile .....	793	867	1,182				
Ecuador .....	2,027	1,933	2,371	<b>Total .....</b>	<b>186,758</b>	<b>206,279</b>	<b>168,123</b>
Belgium and Luxembourg .....	4,742	7,646	2,472	<b>Burley:</b>			
France .....	2,853	4,445	5,228	Chile .....	291	324	426
Germany, Fed. Rep. of .....	35,767	24,125	30,709	Belgium and Luxembourg .....	393	702	283
Italy .....	18,432	18,592	15,769	France .....	6	151	104
Netherlands .....	13,852	15,508	13,277	Germany, Fed. Rep. of .....	6,333	3,687	5,086
Austria .....	1,795	1,574	1,654	Italy .....	7,453	8,716	7,458
Denmark .....	7,659	12,280	7,430	Netherlands .....	754	1,156	2,859
Finland .....	2,396	3,523	3,177	Austria .....	67	146	68
Ireland .....	2,434	2,382	3,109	Denmark .....	783	1,741	487
Norway .....	2,701	1,912	2,564	Finland .....	282	397	499
Portugal .....	1,246	0	0	Norway .....	167	139	173
Spain .....	2,334	9,043	459	Portugal .....	726	0	0
Sweden .....	5,357	7,951	6,216	Sweden .....	817	1,503	861
Switzerland .....	13,045	11,893	8,756	Switzerland .....	2,913	3,106	2,463
United Kingdom .....	21,242	67,503	30,914	Syria .....	1,200	0	0
Libya .....	723	44	1,918	Hong Kong .....	200	226	444
Egypt .....	12,119	11,115	1,727	Japan .....	3,770	4,680	6,729
Canary Islands .....	3,430	4,672	2,003	Philippines .....	2,463	1,936	2,634
Cameroon .....	906	775	836	Thailand .....	1,981	2,997	2,108
Ghana .....	917	644	439	Other countries .....	5,277	9,688	4,541
Nigeria .....	254	702	537				
Zaire .....	3,414	373	1,047	<b>Total .....</b>	<b>35,876</b>	<b>41,295</b>	<b>37,223</b>
Israel .....	985	535	405	<b>Dark-fired Kentucky-Tennessee:</b>			
China, Taiwan .....	9,364	11,704	18,814	Belgium and Luxembourg .....	474	248	175
Hong Kong .....	1,354	1,256	2,084	France .....	644	1,082	1,767
Korea, Rep. of .....	4,459	4,469	5,939	Germany Fed. Rep. of .....	96	192	173
Japan .....	61,429	46,385	43,513	Italy .....	460	234	285
Malaysia .....	5,574	4,566	3,823	Netherlands .....	5,342	6,559	2,254
Philippines .....	7,010	6,304	5,195	Denmark .....	109	50	119
Singapore .....	1,207	1,066	1,054	Ireland .....	0	0	3
Thailand .....	7,243	8,257	8,528	Norway .....	39	0	20
Syria .....	1,202	0	0	Canary Islands .....	9	0	3
Australia .....	6,435	5,602	5,605	Sweden .....	205	350	294
New Zealand .....	2,251	1,670	1,797	Switzerland .....	230	276	152
Other countries .....	11,868	11,766	11,730	United Kingdom .....	3	62	1
<b>Total .....</b>	<b>285,131</b>	<b>317,527</b>	<b>257,387</b>	Morocco .....	0	0	0
<b>Flue-cured:</b>				Tunisia .....	0	39	100
Panama .....	257	240	213	Cameroon .....	338	205	153
Jamaica .....	565	571	497	Zaire .....	191	250	250
Chile .....	499	543	741	Other countries .....	522	716	458
Ecuador .....	1,951	729	1,198				
Belgium and Luxembourg .....	2,945	5,421	1,613	<b>Total .....</b>	<b>8,662</b>	<b>10,263</b>	<b>6,207</b>
France .....	1,015	2,157	1,865	<b>Black Fat:</b>			
Germany, Fed. Rep. of .....	25,742	16,054	19,234	Cameroon .....	115	134	175
Italy .....	10,291	9,535	7,656	Benin .....	525	399	818
Netherlands .....	6,910	6,512	6,664	Nigeria .....	160	241	102
Austria .....	1,372	1,285	1,446	Togo .....	154	162	206
Denmark .....	4,745	7,359	3,529	Other countries .....	275	239	165
Finland .....	1,585	2,132	1,836				
Ireland .....	1,488	1,918	2,455	<b>Total .....</b>	<b>1,229</b>	<b>1,175</b>	<b>1,466</b>
Norway .....	1,868	1,120	1,512	<b>Dark-fired Virginia and sun-cured:</b>			
Portugal .....	176	0	0	Germany, Fed. Rep. of .....	283	184	138
Spain .....	1,926	7,876	306	Egypt .....	0	0	0
Sweden .....	2,838	3,905	3,425	Austria .....	0	35	73
Switzerland .....	4,017	3,859	2,125	Yugoslavia .....	0	0	0
United Kingdom .....	15,576	49,354	23,389	Norway .....	583	508	813
Libya .....	558	0	1,629	Sweden .....	124	290	36
Egypt .....	8,108	7,455	1,018	Switzerland .....	356	28	216
Syria .....	1	0	0	United Kingdom .....	123	42	25
China, Taiwan .....	9,364	11,588	18,736	Czechoslovakia .....	11	18	0
Hong Kong .....	971	894	1,554	Other countries .....	166	39	126
Indonesia .....	455	343	167				
Japan .....	42,558	32,731	30,064	<b>Total .....</b>	<b>1,646</b>	<b>1,139</b>	<b>1,427</b>
Malaysia .....	4,368	4,213	3,541				
Pakistan .....	182	218	145				
Philippines .....	4,547	3,049	2,185				
Singapore .....	682	652	628				

See footnotes at end of table.



Table 149.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1977-79—Continued

Types and country of destination	1977	1978	1979 <sup>1</sup>	Type and country of destination	1977	1978	1979 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Maryland:				Cigar filler:			
Belgium and Luxembourg.....	533	416	259	France.....	88	51	53
Germany, Fed. Rep. of.....	409	749	486	Germany, Fed. Rep. of.....	0	0	0
Netherlands.....	28	41	156	Other countries.....	61	38	18
Norway.....	11	9	17	Total.....	149	89	71
Egypt.....	84	169	0				
Spain.....	102	0	0	Perique:			
Switzerland.....	2,067	2,315	1,302	Canada.....	3	0	0
Other countries.....	239	1,107	520	Germany, Fed. Rep. of.....	6	1	9
Total.....	3,473	4,806	2,740	France.....	0	0	0
				United Kingdom.....	24	6	6
One sucker:				Australia.....	11	9	8
Belgium and Luxembourg.....	0	0	0	Other countries.....	2	5	8
Zaire.....	0	70	0	Total.....	46	21	31
Other countries.....	38	38	3				
Total.....	38	108	3	Trimnings, stems, and scrap:			
				Canada.....	1,925	1,558	1,523
Green River:				Italy.....	228	107	73
Belgium and Luxembourg.....	1	7	0	Jamaica.....	37	0	1
United Kingdom.....	23	27	19	Guyana.....	0	20	0
Zaire.....	0	53	0	Peru.....	0	6	1
Other countries.....	0	134	69	Surinam.....	33	64	55
Total.....	24	221	88	Belgium and Luxembourg.....	361	850	111
				France.....	885	942	1,302
Cigar wrapper:				Germany, Fed. Rep. of.....	2,729	2,994	5,176
Canada.....	26	23	18	Netherlands.....	493	952	872
Jamaica.....	26	41	22	Austria.....	357	36	15
Dominican Republic.....	880	1,139	1,713	Denmark.....	2,020	3,118	3,292
Belgium and Luxembourg.....	5	2	31	Finland.....	470	658	462
Germany, Fed. Rep. of.....	164	54	22	Ireland.....	909	464	646
Netherlands.....	296	144	237	Norway.....	0	111	20
Canary Islands.....	9	13	13	Sweden.....	1,373	1,902	1,600
Nigeria.....	0	0	0	Switzerland.....	3,444	1,659	2,496
United Kingdom.....	155	196	239	United Kingdom.....	5,220	12,785	5,738
France.....	11	16	11	Libya.....	161	0	256
New Zealand.....	18	17	22	Ghana.....	151	107	63
Other countries.....	248	35	68	Poland.....	914	248	348
Total.....	1,838	1,680	2,396	Hong Kong.....	183	135	86
				Japan.....	15,101	8,974	6,689
Cigar binder:				Malaysia.....	1,107	303	279
Canada.....	16	8	7	Egypt.....	2,380	2,158	224
Venezuela.....	0	0	0	Singapore.....	426	415	425
Dominican Republic.....	42	0	24	Australia.....	1,304	976	1,067
Switzerland.....	12	7	0	New Zealand.....	499	498	469
Other countries.....	3	2	1	Other countries.....	2,594	2,839	1,718
Total.....	73	17	32	Total.....	45,304	44,879	35,007

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

# CHAPTER III

## STATISTICS OF OILSEEDS, FATS, AND OILS

This chapter includes information on cottonseed, flaxseed, olive oil, peanuts, soybeans, margarine, and fats and oils. Most butter statistics are included in the chapter on dairy and poultry statistics. Lard data are mostly in the chapter on livestock.

**Table 150.—Cottonseed: Cotton area and cottonseed production, farm disposition, season average price per ton received by farmers, and value, United States, 1965-79**

Year	Harvested area of cotton	Cottonseed				
		Production	Total sales to oil mills	Other <sup>1</sup>	Price	Value of production
	1,000 acres	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars
1965 .....	13,612.7	6,087	5,836	251	46.70	284,412
1966 .....	9,552.6	3,960	3,743	217	65.90	261,008
1967 .....	7,997.3	3,210	3,017	193	55.20	177,406
1968 .....	10,159.3	4,640	4,441	199	50.50	234,492
1969 .....	11,051.1	4,068	3,863	205	41.10	167,254
1970 .....	11,155.0	4,068	3,832	236	56.40	229,607
1971 .....	11,470.9	4,240	4,007	233	56.80	240,930
1972 .....	12,983.8	5,393	5,153	240	49.50	267,136
1973 .....	11,970.2	5,016	4,720.7	295.3	100.00	501,191
1974 .....	12,546.6	4,509.9	4,290.6	219.3	136.00	611,217
1975 .....	8,796.0	3,218.0	2,863.6	354.4	97.00	312,264
1976 .....	10,913.5	4,122.0	3,768.1	353.9	103.00	425,411
1977 .....	13,275.3	5,521.4	4,832.1	689.3	70.30	388,035
1978 .....	12,370.0	4,269.2	3,878.0	391.2	114.00	485,613
1979 <sup>2</sup> .....	12,815.9	5,778.3	5,258.2	520.1	122.00	704,953

<sup>1</sup>Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses. <sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 151.—Cottonseed: Production, farm disposition, and season average price per ton received by farmers, by States, 1977-79**

	Production			Total sales to oil mills			Other <sup>2</sup>			Price for crop of—		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
Ala .....	105	109	122	95	102	115	10	7	7	71.00	103.00	112.00
Ariz .....	445	450	530	350	366	326	95	84	204	75.00	102.00	( <sup>3</sup> )
Ark .....	400	241	215	360	224	200	40	17	15	73.50	116.00	134.00
Calif .....	1,100	824	1,335	1,000	735	1,230	100	89	105	76.00	120.00	125.00
Fla .....	2.3	1.5	1.6	2.0	1.4	1.5	.3	.1	.1	77.00	125.00	120.00
Ga .....	30	43	54	26	40	50	4	3	4	58.50	105.00	103.00
Ky .....	.3	0	0	.3	0	0	0	0	0	74.50	0	0
La .....	251	180	260	234	174	253	17	6	7	73.50	110.00	134.00
Miss .....	610	522	553	560	489	530	50	33	23	77.50	123.00	133.00
Mo .....	94	75	62	84	69	57	10	6	5	67.50	96.00	125.00
Nev .....	.7	.7	.6	.7	.6	.6	0	.1	0	78.00	110.00	110.00
N. Mex .....	68	44	44	58	40	40	10	4	4	66.00	125.00	115.00
N.C .....	19	16	15	17	14	13	2	2	2	65.00	115.00	124.00
Oklahoma .....	165	143	209	140	131	201	25	12	8	63.00	119.00	113.00
S.C .....	42	43	42	39	40	39	3	3	3	68.00	111.00	117.00
Tenn .....	100	94	71	91	90	66	9	4	5	74.50	111.00	128.00
Tex .....	2,089	1,483	2,264	1,775	1,362	2,136	314	121	128	64.00	112.00	117.00
Va .....	.1	( <sup>4</sup> )	.1	.1	0	.1	0	0	0	71.00	100.00	128.00
U.S .....	5,521.4	4,269.2	5,778.3	4,832.1	3,878.0	5,258.2	689.3	391.2	520.1	70.30	114.00	122.00

<sup>1</sup>Preliminary. <sup>2</sup>Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses. <sup>3</sup>Average price not available. <sup>4</sup>.36 tons.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 152.—Cottonseed: Crushings and output of products, United States, 1965-78

Year beginning August	Quantity crushed	Cottonseed products				Year beginning August	Quantity crushed	Cottonseed products			
		Crude oil	Cake and meal	Linters <sup>2</sup>	Hulls			Crude oil	Cake and meal	Linters <sup>2</sup>	Hulls
	1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons		1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons
1965 .....	5,734	1,896	2,695	1,580	1,299	1972 .....	4,880	1,535	2,224	1,341	1,215
1966 .....	3,791	1,261	1,801	1,103	867	1973 .....	4,792	1,551	2,176	1,341	1,173
1967 .....	3,107	1,036	1,450	935	734	1974 .....	4,226	1,347	1,885	1,269	1,072
1968 .....	4,363	1,425	1,985	1,306	1,025	1975 .....	2,952	986	1,315	847	773
1969 .....	3,925	1,282	1,835	1,234	905	1976 .....	3,499	1,141	1,570	983	916
1970 .....	3,728	1,211	1,729	1,147	872	1977 .....	4,313	1,386	1,976	1,174	1,076
1971 .....	3,960	1,275	1,794	1,145	978	1978 <sup>2</sup> .....	4,097	1,328	1,955	1,077	1,084

<sup>1</sup> Production of linters is the output at oil mills only; this is slightly smaller than total output, including that at delinting plants.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from annual reports of the U.S. Department of Commerce.

Table 153.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1965-78<sup>1</sup>

Year beginning August	Cottonseed quality analysis <sup>2</sup>						Quantity <sup>3</sup>	Quality <sup>4</sup>	Average grade <sup>5</sup>	Samples graded <sup>6</sup>
	Oil	Ammonia	Linters	Moisture	Free fatty acids	Foreign matter				
	Percent	Percent	Percent	Percent	Percent	Percent	Index	Index		Number
1965 .....	18.0	4.00	10.3	11.1	1.2	1.2	100.49	97.9	98.5	108,828
1966 .....	18.2	3.97	10.8	10.7	.9	1.3	101.84	98.8	101.0	71,072
1967 .....	18.4	3.89	10.7	10.1	.9	1.3	101.97	98.5	100.5	45,838
1968 .....	18.0	3.91	11.2	10.6	.7	1.2	100.91	98.9	100.0	67,254
1969 .....	17.9	3.97	11.1	10.6	.9	1.3	101.03	98.3	99.5	62,522
1970 .....	17.8	3.92	11.3	10.8	1.6	1.3	100.52	97.1	98.0	60,118
1971 .....	17.7	3.84	11.0	11.1	1.5	1.5	99.29	96.2	95.5	57,960
1972 <sup>7</sup> .....	17.3	3.92	.....	11.9	1.6	1.6	97.67	95.7	94.0	71,210
1973 .....	18.0	3.94	.....	11.0	1.3	1.4	100.81	96.7	98.0	62,504
1974 .....	17.7	3.82	.....	11.0	1.6	1.6	98.42	96.5	95.5	61,114
1975 .....	18.0	3.75	.....	10.6	1.4	1.6	99.50	97.0	96.5	44,250
1976 .....	17.7	3.88	.....	10.6	.7	1.8	98.93	98.4	97.5	52,048
1977 .....	17.5	3.99	.....	10.8	1.8	1.4	98.85	95.6	94.5	61,466
1978 .....	17.4	4.08	.....	10.5	.9	1.5	98.97	98.5	98.0	50,418

<sup>1</sup> U.S. averages not fully representative of entire crop because of relatively small volume of seed graded in some areas. <sup>2</sup> These basic factors are combined to form indexes of quantity and quality which in turn are used to determine the official grade of cottonseed in accordance with the United States Official Standards for Grades. <sup>3</sup> The quantity index measures the oil and cake or meal in the cottonseed, taking into account variations in the quantity of oil, protein, and linters. <sup>4</sup> The quality index measures the deterioration in oil and meal and takes into account the excesses of moisture and foreign matter. <sup>5</sup> The average grade is the product of the quantity index times the quality index. The base grade is 100.0. <sup>6</sup> Samples graded by licensed chemists under the supervision of the U.S. Department of Agriculture. <sup>7</sup> The linters factor was eliminated from official grade standards effective Sept. 4, 1972.

Agricultural Marketing Service.

Table 154.—Cottonseed oil, meal, and linters: Average price at specified points, 1965-78

Year beginning August	Oil, per pound		Meal, per ton <sup>3</sup>	Linters <sup>4</sup>	Year beginning August	Oil, per pound		Meal, per ton <sup>3</sup>	Linters <sup>4</sup>
	Crude <sup>1</sup>	Refined <sup>2</sup>				Crude <sup>1</sup>	Refined <sup>2</sup>		
	Cents	Cents	Dollars	Cents		Cents	Cents	Dollars	Cents
1965 .....	12.83	15.48	68.80	4.24	1972 .....	13.72	17.88	144.80	8.91
1966 .....	12.89	15.78	77.50	6.62	1973 .....	31.87	34.28	138.00	9.63
1967 .....	12.67	15.54	77.40	5.61	1974 .....	31.29	34.76	123.00	8.30
1968 .....	11.56	15.54	65.20	4.57	1975 .....	24.59	35.60	141.80	5.54
1969 .....	12.05	16.33	71.10	3.68	1976 .....	25.29	31.21	199.20	5.68
1970 .....	14.71	18.81	72.60	3.83	1977 .....	25.73	30.53	186.10	6.32
1971 .....	13.23	17.63	73.90	4.01	1978 .....	31.63	37.25	161.00	6.79

See footnotes on page 117.

Table 155.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination, years beginning October, 1976-78

Continent and country of destination	Cottonseed oil <sup>1</sup>			Cottonseed cake and meal		
	1976	1977	1978 <sup>2</sup>	1976	1977	1978 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America						
Bermuda .....	4	0	10	0	0	0
Canada .....	4,227	4,152	5,961	1,383	1,554	1,764
Panama Canal Zone .....	0	0	0	0	0	0
Costa Rica .....	0	0	6	0	0	0
Dominican Republic .....	2,037	7,004	37,586	0	0	0
Guatemala .....	0	0	0	0	0	0
Haiti .....	0	9	0	0	0	0
Jamaica .....	899	302	81	0	0	0
Mexico .....	13	219	2	3,320	5,050	1,191
Netherlands Antilles .....	1	0	4	0	0	8
Panama .....	10	6	0	15	0	0
Other countries .....	1,181	302	161	0	0	0
Total <sup>3</sup> .....	8,371	11,995	43,810	4,719	6,604	2,963
South America:						
Brazil .....	0	0	0	0	9	45
Colombia .....	506	501	6	0	0	0
Ecuador .....	0	0	41	0	0	0
Peru .....	0	0	6	0	0	0
Surinam .....	0	0	387	0	0	0
Venezuela .....	35,067	43,097	30,209	0	0	0
Other countries .....	6	67	6	0	0	0
Total <sup>3</sup> .....	35,580	43,664	30,655	0	9	45
Europe:						
Austria .....	0	0	0	0	120	200
Belgium and Luxembourg .....	5,439	1	603	0	239	344
Denmark .....	0	7	15	29,317	48,875	109,589
France .....	14	187	47	0	434	624
Germany, Fed. Rep. of .....	1,749	2,564	1,250	8,549	5,511	80
Ireland .....	0	0	0	0	81	142
Italy .....	3	0	4	0	525	315
Netherlands .....	9,931	2,094	4,041	0	0	455
Norway .....	0	0	0	3,378	3,294	8,636
Poland .....	0	0	0	0	35,078	10,471
Sweden .....	900	1,994	0	0	203	449
Switzerland .....	3,095	5,585	2	0	0	0
United Kingdom .....	4,411	1,869	2,101	0	0	0
Yugoslavia .....	0	0	0	0	0	0
Other countries .....	1,000	3	13	0	342	605
Total <sup>3</sup> .....	26,542	13,804	8,076	41,244	94,702	131,910
Africa:						
Morocco .....	0	0	0	0	0	0
Egypt .....	194,799	192,789	135,098	0	0	0
Other countries .....	21	13	13	0	2,028	10
Total <sup>3</sup> .....	194,820	192,802	135,111	0	2,028	10
Asia:						
Hong Kong .....	85	168	162	0	0	0
India .....	0	0	0	0	82	178
Iran .....	20,135	39,651	40,794	0	5	0
Israel .....	0	0	1	0	0	0
Japan .....	20,604	26,608	37,269	0	454	566
Korea, Rep. of .....	872	1,107	1,840	0	0	0
Ryukyu Islands .....	0	0	0	0	0	0
Pakistan .....	0	10,431	0	0	0	0
Philippines .....	12	5	5	0	0	0
Saudi Arabia .....	0	0	17	0	0	0
Turkey .....	0	0	0	0	0	5
Other countries .....	27	21	25	0	0	0
Total <sup>3</sup> .....	41,735	77,991	79,614	0	541	749
Oceania .....	6,051	3,866	2,414	0	20	5
Grand total <sup>3</sup> .....	313,099	344,122	299,679	45,963	103,905	135,681

<sup>1</sup>Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census. <sup>2</sup>Preliminary. <sup>3</sup>May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 156.—Flaxseed: Area, yield, production, disposition, and value, United States, 1965-79

Year	Area planted	Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>1</sup>	Value of production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1965	2,868	2,775	12.8	35,402	1,162	34,240	2.80	99,169
1966	2,679	2,576	9.1	23,390	937	22,453	2.89	67,620
1967	2,061	1,975	10.1	20,036	919	19,117	2.95	59,099
1968	2,177	2,092	12.9	26,983	1,130	25,853	2.81	75,694
1969	2,661	2,605	13.4	34,929	1,356	33,573	2.65	92,564
1970	2,950	2,836	10.4	29,416	839	28,577	2.40	70,506
1971	1,627	1,545	11.8	18,198	604	17,594	2.38	43,228
1972	1,189	1,149	12.1	13,883	768	13,115	3.10	43,019
1973	1,749	1,700	9.7	16,408	828	15,580	7.56	124,117
1974	1,742	1,659	8.5	14,083	759	13,324	9.67	136,196
1975	1,621	1,511	10.3	15,553	532	15,021	6.57	102,132
1976	1,076	985	7.9	7,820	655	7,165	7.08	55,477
1977	1,410	1,314	11.5	15,105	676	14,429	4.54	68,593
1978	865	835	12.5	10,404	582	9,822	5.74	59,746
1979 <sup>2</sup>	1,067	1,018	13.3	13,539	639	12,900	5.96	80,708

<sup>1</sup>Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 157.—Flaxseed: Stocks on and off farms, United States, 1965-79

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1965	20,488	13,953	10,809	3,449	14,879	18,812	15,828	11,870
1966	9,838	7,508	5,523	1,399	18,856	14,300	13,369	7,855
1967	8,796	6,785	4,324	1,304	14,549	11,424	9,027	5,664
1968	14,764	9,041	5,978	2,085	12,442	12,449	9,945	7,706
1969	18,320	12,967	10,429	4,481	20,918	18,693	17,491	17,343
1970	14,991	11,213	8,927	3,148	28,270	28,152	25,025	23,605
1971	9,020	6,903	4,999	2,502	31,353	28,150	23,028	17,630
1972	7,055	3,875	1,936	395	15,447	9,948	7,485	3,103
1973	6,806	3,974	2,616	667	7,571	6,395	4,363	1,885
1974	7,984	4,022	2,751	1,150	4,599	3,745	1,907	1,100
1975	7,552	4,220	3,009	1,530	6,228	5,533	4,164	3,060
1976	4,116	2,853	2,070	1,070	4,971	4,375	2,879	1,934
1977	9,292	5,773	4,499	2,890	4,307	5,168	3,905	2,606
1978	6,170	4,140	2,806	1,168	3,390	4,027	3,039	1,609
1979 <sup>3</sup>	8,120	5,397	4,358	.....	2,999	4,723	3,243	.....

<sup>1</sup>Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.

<sup>2</sup>Stocks at mills, elevators, warehouses, processing plants, and terminals.

<sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 154

<sup>1</sup>In tanks, f.o.b. Valley Points.

<sup>2</sup>Jumbo tank deliveries, New York.

<sup>3</sup>On basis of 41 percent protein, bulk carlots, Memphis.

<sup>4</sup>Weighted average price of linters per pound.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from the National Provisioner, The Journal of Commerce, and reports of the U.S. Labor and Agriculture Departments.

Table 158.—Flaxseed: Supply and disappearance, United States, 1965–79

Year beginning June	Supply				Disappearance			
	Stocks June 1	Production	Imports	Total	Total used for seed	Exports	Crushings <sup>1</sup>	Total do- mestic dis- appearance <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1965 .....	12,866	35,402	.....	48,268	1,895	5,302	22,058	30,386
1966 .....	17,882	23,390	.....	41,272	1,469	6,837	20,196	29,367
1967 .....	11,905	20,035	3	31,944	1,559	5,438	16,511	23,313
1968 .....	8,631	26,893	1	35,615	1,968	9,531	14,436	23,993
1969 .....	11,622	34,929	.....	46,551	2,265	6,505	14,289	23,511
1970 .....	23,040	29,416	1	52,457	1,262	3,220	18,155	23,559
1971 .....	28,898	18,198	74	47,170	933	910	21,022	23,967
1972 .....	23,203	13,883	3	37,089	1,398	9,881	19,932	31,604
1973 .....	5,485	16,408	399	22,292	1,360	630	17,203	18,240
1974 .....	4,052	14,083	130	18,265	1,231	372	13,386	15,234
1975 .....	3,031	15,553	148	18,732	1,054	952	11,790	13,842
1976 .....	4,890	7,820	2,169	14,879	1,167	196	10,677	11,875
1977 .....	3,004	15,105	859	18,968	1,089	1,000	11,615	12,472
1978 .....	5,496	10,404	1,557	17,457	831	61	13,029	14,619
1979 <sup>3</sup> .....	2,777	13,539	1,600	17,916	800	75	13,000	14,341

<sup>1</sup> From domestic and imported seed.<sup>2</sup> Total supply minus exports and stocks June 1 of following year.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics

Table 159.—Flaxseed: Area, yield, and production, by States, 1977–79

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush- els	Bush- els	Bush- els	1,000 bushels	1,000 bushels	1,000 bushels
Minn .....	235	145	160	220	142	153	14.5	15.5	14.5	3,190	2,201	2,219
Mont. <sup>2</sup> .....	5	.....	.....	5	.....	.....	7.0	.....	.....	35	.....	.....
N. Dak .....	800	425	530	750	410	510	10.0	11.5	12.5	7,500	4,715	6,375
S. Dak .....	360	270	365	330	263	350	13.0	12.5	14.0	4,290	3,288	4,900
Tex. <sup>3</sup> .....	10	25	12	9	20	5	10.0	10.0	9.0	90	200	45
U.S. ....	1,410	865	1,067	1,314	835	1,018	11.5	12.5	13.3	15,105	10,404	13,539

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued after 1977 crop.<sup>3</sup> Includes area planted in preceding fall.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 160.—Flaxseed:<sup>1</sup> Area, yield, and production in specified countries and the world, 1977-79

Continent and country	Harvested area			Yield per acre			Production		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada	595	526	927	1.09	1.09	0.902	650	571	836
United States	532	338	412	.722	.781	.835	384	264	344
Mexico	12	11	11	1.50	1.45	1.45	18	16	16
Total	1,139	875	1,350	.924	.973	.886	1,052	851	1,196
South America:									
Argentina	950	840	945	.900	.750	.899	855	630	850
Uruguay <sup>3</sup>	88	61	95	.454	.508	.632	40	31	60
Total <sup>4</sup>	1,038	901	1,040	.862	.734	.875	895	661	910
Europe:									
Belgium <sup>5</sup>	10	8	7	.700	.875	.714	7	7	5
France <sup>6</sup>	46	46	46	.935	.957	.761	43	44	35
Italy <sup>5</sup>	6	6	6	1.00	.500	.500	6	3	3
Netherlands <sup>5</sup>	6	5	4	1.00	.600	1.00	6	5	4
Other countries	0	0	0	.....	.....	.....	0	0	0
Total Western Europe <sup>4</sup>	68	65	63	.912	.908	.746	62	59	47
Czechoslovakia <sup>5</sup>	31	31	31	.355	.323	.161	11	10	5
Hungary	19	19	19	.789	.474	.526	15	9	10
Poland <sup>5</sup>	62	84	90	.613	.595	.267	38	50	24
Other countries	0	0	0	.....	.....	.....	0	0	0
Total Eastern Europe	112	134	140	.571	.515	.279	64	69	39
Total Europe <sup>4</sup>	180	199	203	.700	.643	.424	126	128	86
Soviet Union <sup>5</sup>	1,209	1,197	1,300	.248	.209	.192	300	250	250
Africa:									
Egypt <sup>5</sup>	25	25	29	1.24	1.20	1.03	31	30	30
Total <sup>4</sup>	25	25	29	1.24	1.20	1.03	31	30	30
Asia:									
Iran	3	3	3	1.00	1.00	1.00	3	3	3
Turkey (Europe and Asia) <sup>5</sup>	12	12	12	.500	.500	.500	6	6	6
India <sup>5</sup>	2,100	2,025	2,120	.251	.254	.236	527	514	500
Pakistan <sup>7</sup>	10	10	10	.500	.500	.500	5	6	5
Other countries	17	17	17	.412	.412	.412	7	7	7
Total <sup>4</sup>	2,142	2,067	2,162	.256	.259	.241	548	536	521
Oceania:									
Australia <sup>7</sup>	15	46	15	2.33	.348	1.07	35	16	16
Total <sup>4</sup>	15	46	15	2.33	.348	1.07	35	16	16
World total <sup>4</sup>	5,746	5,315	6,111	.520	.465	.492	2,987	2,472	3,009

<sup>1</sup>Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere countries in 1979 was combined with the Southern Hemisphere harvest which began late in 1979 and ended early in 1980. Estimates do not include China where annual production probably varies from 25,000 to 50,000 tons. <sup>2</sup>Preliminary. <sup>3</sup>Seeded area. <sup>4</sup>Includes estimates for the above countries for which data are not available and for minor producing countries. Totals may not add because of rounding. <sup>5</sup>Includes fiber flax area and seed production. <sup>6</sup>Area includes that harvested for seed and that portion of fiber area which is harvested for seed as well as fiber. Production includes seed from fiber flax. <sup>7</sup>Flaxseed from area grown for seed only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research and related information.

**Table 161.—Flaxseed: Production, disposition, and value, by States, crop of 1979 (preliminary)**

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Minn .....	2,219	111	2,108	5.90	13,092	12,437
N.Dak .....	6,375	351	6,024	5.80	36,975	34,939
S.Dak .....	4,900	176	4,724	6.20	30,380	29,289
Tex .....	45	1	44	5.80	261	255
U.S .....	13,539	639	12,900	5.96	80,708	76,920

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 162.—Flaxseed: Price-support operations, United States, 1965–80**

Year beginning July	Support price		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>	Quantity	Percentage of production		
	Dollars	Percent	1,000 bushels	Percent	1,000 bushels	1,000 bushels
1965 .....	2.90	75	11,303	31.9	9,430	12,382
1966 .....	2.90	73	2,255	9.6	1,034	4,553
1967 .....	2.90	73	2,707	13.5	1,207	2,115
1968 .....	2.90	72	6,231	23.0	4,998	6,925
1969 .....	2.75	64	13,006	37.2	12,307	16,651
1970 .....	2.50	58	13,911	47.1	13,366	26,726
1971 .....	2.50	56	6,867	37.7	3,852	18,717
1972 .....	2.50	56	673	4.8	157	140
1973 .....	2.50	51	137	.9	.....	.....
1974 .....	2.50	41	63	.5	.....	.....
1975 .....	( <sup>4</sup> )	.....	.....	.....	.....	.....
1976 .....	( <sup>4</sup> )	.....	.....	.....	.....	.....
1977 .....	( <sup>4</sup> )	.....	.....	.....	.....	.....
1978 .....	4.50	48	.....	.....	.....	.....
1979 .....	4.50	43	.....	.....	.....	.....
1980 .....	4.50	39	.....	.....	.....	.....

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>2</sup> Includes loans made, purchase agreements entered into, and direct purchases.<sup>3</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.<sup>4</sup> Price support not authorized for the 1975, 1976, and 1977.

Agricultural Stabilization and Conservation Service.

**Table 163.—Flaxseed and linseed oil and meal: Average price, New York and Minneapolis, 1965–79**

Year <sup>1</sup>	Flaxseed, per bushel: No. 1, Minneapolis	Oil, per pound		Meal, per ton		Year <sup>1</sup>	Flaxseed, per bushel: No. 1, Minneapolis	Oil, per pound		Meal, per ton	
		New York <sup>2</sup>	Minneapolis <sup>2</sup>	New York <sup>3</sup>	Minneapolis <sup>4</sup>			New York <sup>2</sup>	Minneapolis <sup>2</sup>	New York <sup>3</sup>	Minneapolis <sup>4</sup>
	Dollars	Cents	Cents	Dollars	Dollars		Dollars	Cents	Cents	Dollars	Dollars
1965 .....	3.08	14.0	12.9	86.80	70.55	1973 .....	9.19	36.0	30.2	.....	145.40
1966 .....	2.92	13.8	12.8	96.05	76.40	1974 .....	11.15	41.6	45.5	.....	125.75
1967 .....	3.19	14.2	13.1	94.35	75.50	1975 .....	6.35	30.2	30.6	.....	123.60
1968 .....	3.07	13.2	12.1	91.50	71.10	1976 .....	( <sup>5</sup> )	33.1	28.6	.....	165.30
1969 .....	2.87	12.7	11.8	89.95	69.00	1977 .....	.....	26.7	24.4	.....	130.30
1970 .....	2.65	11.0	9.6	87.75	62.10	1978 .....	.....	26.5	24.9	.....	145.80
1971 .....	2.68	10.3	8.8	85.80	67.75	1979 <sup>6</sup> .....	.....	33.4	31.0	.....	163.53
1972 .....	4.37	12.5	10.1	( <sup>5</sup> )	131.50						

See footnotes on page 123.



Table 164.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1965-79

Year beginning June	Flaxseed crushed					Linseed oil				Linseed cake and meal		
	June-Aug.	Sept.-Nov.	Dec.-Feb.	Mar.-May	Total	Stocks June 1	Production	Imports for consumption	Exports and shipments	Production	Imports for consumption	Exports and shipments
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Million pounds	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1965 .....	4,229	6,258	5,689	5,882	22,058	205	449	( <sup>1</sup> )	61	387	1	102
1966 .....	4,875	6,235	4,533	4,533	20,196	260	415	( <sup>1</sup> )	136	371	1	121
1967 .....	3,561	5,379	4,007	3,564	16,511	212	343	( <sup>1</sup> )	30	304	6	101
1968 .....	2,651	4,825	3,700	3,260	14,436	205	301	( <sup>1</sup> )	108	263	( <sup>2</sup> )	69
1969 .....	2,464	4,864	3,296	3,665	14,289	152	290	( <sup>1</sup> )	40	256	1	92
1970 .....	3,533	4,689	4,549	5,384	18,155	130	363	( <sup>1</sup> )	47	328	2	83
1971 .....	4,950	5,074	5,390	5,608	21,022	187	428	( <sup>1</sup> )	66	386	2	121
1972 .....	5,642	5,579	4,380	4,331	19,932	275	393	( <sup>1</sup> )	256	370	3	175
1973 .....	5,136	5,462	3,310	3,295	17,203	127	344	( <sup>1</sup> )	142	324	3	117
1974 .....	3,569	4,928	3,071	1,818	13,386	71	263	( <sup>1</sup> )	143	254	( <sup>2</sup> )	140
1975 .....	2,218	4,515	2,352	2,705	11,790	49	231	( <sup>1</sup> )	42	229	....	141
1976 .....	2,899	2,646	2,745	2,387	10,677	49	27	( <sup>1</sup> )	14	202	( <sup>2</sup> )	89
1977 .....	2,897	2,887	2,638	3,193	11,615	88	217	( <sup>1</sup> )	25	219	( <sup>2</sup> )	111
1978 .....	4,310	2,483	2,367	3,869	13,029	70	260	( <sup>1</sup> )	54	244	( <sup>2</sup> )	135
1979 <sup>3</sup> .....	3,215	3,383	.....	.....	.....	44	.....	.....	.....	.....	.....	.....

<sup>1</sup> Less than 500,000 pounds. <sup>2</sup> Less than 500 tons. <sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 165.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years 1976-78<sup>1</sup>

Continent and country of destination	Flaxseed			Linseed oil <sup>3</sup>			Linseed cake and meal		
	1976	1977	1978 <sup>2</sup>	1976	1977	1978 <sup>2</sup>	1976	1977	1978 <sup>2</sup>
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
North America:									
Canada .....	0	0	0	128	168	118	391	68	832
Mexico .....	0	0	0	23	12	49	0	83	0
Panama .....	0	0	0	48	3	5	0	0	0
Other Countries .....	0	12	24	97	36	117	0	100	0
Total <sup>4</sup> .....	0	12	24	295	219	289	391	251	832
South America:									
Peru .....	0	0	0	0	0	0	0	0	0
Venezuela .....	0	0	0	114	143	61	15	0	0
Other countries .....	0	0	0	67	34	5	0	0	0
Total <sup>4</sup> .....	0	0	0	182	178	66	15	0	0
Europe:									
Belgium and Luxembourg .....	71	144	355	1,993	0	0	0	0	0
Denmark .....	0	0	0	0	0	0	0	0	0
France .....	0	53	0	14	7	7	0	0	0
Germany, Fed. Rep. of .....	415	148	594	37	363	0	36,663	40,134	13,864
Italy .....	0	0	0	5	1	2	0	0	0
Netherlands .....	4,334	16,975	0	38	8,551	7,177	26,001	27,162	65,312
Poland .....	0	8,001	1,099	3,505	0	16,789	16,358	76,017	27,487
Spain .....	0	0	0	0	0	2	0	0	0
Sweden .....	0	0	0	0	0	0	0	0	0
Switzerland .....	0	0	0	0	0	0	0	0	0
United Kingdom .....	0	0	0	12	2,042	5	0	0	0
Other countries .....	0	0	0	1	1	9	0	0	0
Total <sup>4</sup> .....	4,820	25,322	2,048	5,606	10,980	23,990	79,022	143,313	106,663
Soviet Union .....	0	0	0	0	0	7	0	0	0

See footnotes at end of table.

Table 165.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years 1976-78<sup>1</sup>—Continued

Continent and country of destination	Flaxseed			Linseed oil <sup>3</sup>			Linseed cake and meal		
	1976	1977	1978 <sup>2</sup>	1976	1977	1978 <sup>2</sup>	1976	1977	1978 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Africa .....	0	0	0	7	49	2	0	0	0
Asia:									
Japan .....	0	0	15	76	2	4	0	0	0
Korea, Rep. of .....	0	0	0	2	5	208	0	0	0
Philippines .....	0	0	0	10	8	5	0	0	0
Other countries .....	0	0	0	53	53	68	0	0	0
Total <sup>4</sup> .....	0	0	15	142	68	286	0	0	0
Oceania:									
Australia .....	0	0	0	24	6	31	0	0	0
Other countries .....	0	0	0	2	5	5	0	0	0
Total <sup>4</sup> .....	0	0	0	26	10	36	0	0	0
Grand total <sup>4</sup> .....	<sup>5</sup> 4,968	<sup>5</sup> 25,423	<sup>5</sup> 2,313	6,258	11,505	24,677	79,429	143,563	107,494

<sup>1</sup> For flaxseed and linseed oil, year begins June 1; for linseed cake and meal, year begins Oct. 1.<sup>2</sup> Preliminary. <sup>3</sup> Crude and refined combined as such. <sup>4</sup> Total may not add due to rounding. <sup>5</sup> Includes 147, 89, and 225 metric tons transhipped via Canada to unidentified countries in 1976, 1977, and 1978 respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 166.—Peanuts: Area, yield, production, disposition, season average price per pound received by farmers, and value, United States, 1965-79

Crop of—	Area planted	Peanuts for nuts								Price	Value of production
		Area harvested	Yield per acre	Production <sup>1</sup>	Used on farms where produced			Sold			
					For seed <sup>2</sup>	Fed and lost	Household use				
	1,000 acres	1,000 acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	
1965 ..	1,519.5	1,438.3	1,661	2,389,596	31,927	2,825	3,944	2,350,900	11.4	272,391	
1966 ..	1,490.1	1,420.7	1,700	2,415,731	27,661	2,675	3,351	2,382,044	11.3	272,861	
1967 ..	1,473.8	1,403.5	1,765	2,477,255	26,695	2,740	2,949	2,444,871	11.4	282,107	
1968 ..	1,495.9	1,438.4	1,770	2,546,591	22,765	2,231	2,654	2,518,891	11.9	303,726	
1969 ..	1,512.1	1,455.7	1,742	2,535,394	22,107	1,922	2,581	2,508,784	12.3	312,358	
1970 ..	1,517.6	1,469.2	2,030	2,983,121	20,704	1,963	2,553	2,957,601	12.8	382,967	
1971 ..	1,528.9	1,454.5	2,066	3,005,118	18,848	1,830	2,753	2,981,687	13.6	408,371	
1972 ..	1,532.8	1,486.4	2,203	3,274,761	17,359	<sup>3</sup> 4,821		3,252,581	14.5	475,367	
1973 ..	1,530.2	1,495.7	2,323	3,473,837	18,723	4,705		3,450,409	16.2	562,460	
1974 ..	1,519.6	1,472.1	2,491	3,667,604	19,787	4,611		3,643,206	17.9	657,574	
1975 ..	1,531.9	1,504.0	2,565	3,857,122	<sup>4</sup> 26,709			3,830,413	19.6	756,530	
1976 ..	1,548.6	1,521.5	2,465	3,750,890	26,811			3,724,079	20.0	750,260	
1977 ..	1,544.6	1,516.4	2,457	3,726,015	26,157			3,699,858	21.0	783,302	
1978 ..	1,544.3	1,511.6	2,639	3,988,624	27,291			3,961,333	21.1	841,568	
1979 <sup>5</sup> ..	1,549.7	1,524.5	2,611	3,980,440	27,037			3,953,403	20.7	822,356	

<sup>1</sup> Net weight basis. <sup>2</sup> Seed used for planting the crop of the following year.separately. <sup>3</sup> Beginning 1975, not estimated separately. <sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 167.—Peanuts, farmers' stocks: Stocks, production, and quantity milled, United States, 1965-79

Year beginning August	Stocks Aug. 1 <sup>1</sup>	Production harvested for nuts <sup>2</sup>	Total supply	Milled <sup>1,3</sup>	Year beginning August	Stocks Aug. 1 <sup>1</sup>	Production harvested for nuts <sup>2</sup>	Total supply	Milled <sup>3</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 .....	7,444	2,389,596	2,397,040	2,239,765	1973 .....	56,899	3,473,837	3,530,736	3,050,986
1966 .....	11,543	2,415,731	2,427,274	2,157,124	1974 .....	38,392	3,667,604	3,705,996	2,922,924
1967 .....	6,514	2,477,255	2,483,769	2,258,972	1975 .....	226,991	3,857,122	4,084,113	3,461,504
1968 .....	7,359	2,546,591	2,553,950	2,275,008	1976 .....	250,005	3,750,890	4,000,895	3,455,100
1969 .....	9,056	2,535,394	2,544,450	2,267,926	1977 .....	54,366	3,726,015	3,780,381	3,348,732
1970 .....	2,809	2,983,121	2,985,930	2,615,892	1978 .....	28,651	3,988,624	4,017,275	3,423,965
1971 .....	14,223	3,005,118	3,019,341	2,650,296	1979 <sup>4</sup> .....	13,513	3,980,440	3,993,953	.....
1972 .....	27,394	3,274,761	3,302,155	2,888,272					

<sup>1</sup> Beginning Aug. 1, 1966, net weight basis.<sup>2</sup> Net weight basis.<sup>3</sup> Excludes peanuts milled for seed.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 168.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1965-79

Year beginning August	Peanuts crushed (shelled oil stock)	Peanut oil				Peanut cake and meal	
		stocks Aug. 1 <sup>1</sup>	Production of crude	Imports	Exports <sup>2</sup>	Stocks Aug. 1 <sup>3</sup>	Production
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 .....	373,547	19,800	155,591	2	23,273	5,195	206,610
1966 .....	418,292	51,900	172,840	4	3,536	6,360	232,796
1967 .....	483,992	47,800	199,205	8	5,752	19,122	266,341
1968 .....	491,447	34,500	205,222	37	25,747	9,148	275,210
1969 .....	437,127	33,700	181,961	41	35,663	8,876	243,848
1970 .....	600,855	25,337	253,544	32	43,999	7,738	340,351
1971 .....	612,322	41,784	259,994	15	74,865	21,587	334,428
1972 .....	638,755	32,110	268,950	23	104,907	2,979	359,769
1973 .....	513,552	37,317	213,896	1,123	60,529	6,962	284,997
1974 .....	443,665	33,342	188,365	20	34,681	6,838	245,584
1975 .....	1,088,087	34,053	475,961	1,850	97,712	10,374	601,243
1976 .....	833,158	136,926	362,611	32	45,878	5,863	466,544
1977 .....	366,227	221,545	150,971	25	126,547	11,719	208,144
1978 .....	395,951	46,029	164,284	43	40,488	10,933	217,988
1979 .....	.....	53,189	.....	.....	.....	1,019	.....

<sup>1</sup> Crude plus refined.<sup>2</sup> Reported as edible peanut oil and crude peanut oil; in this tabulation added without converting.<sup>3</sup> Holding at producing mills only.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 163

<sup>1</sup> Year beginning August for flaxseed; July for oil and meal.<sup>2</sup> Raw oil in tank cars.<sup>3</sup> Bulk carlots, 34 percent protein.<sup>4</sup> Bulk carlots, 32 to 37 percent protein.<sup>5</sup> Discontinued.<sup>6</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 169.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1965-79

Year beginning August	Supply				Disposition		
	Stocks Aug. 1	Production	Imports	Total	Exports <sup>1</sup>	Domestic disappearance	
						Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1965 .....	14,518	93,837	751	109,106	4,553	90,846	0.46
1966 .....	13,707	92,173	1,512	107,392	964	92,850	.47
1967 .....	13,578	93,328	1,708	108,614	363	92,879	.46
1968 .....	15,372	103,380	871	119,623	992	103,766	.51
1969 .....	14,865	107,026	201	122,092	1,530	104,503	.51
1970 .....	16,059	119,146	1,269	136,474	6,436	114,072	.55
1971 .....	15,966	121,009	1,299	138,274	35,801	81,588	.39
1972 .....	20,885	113,341	1,039	135,265	4,369	113,237	.54
1973 .....	17,659	149,503	79	167,241	66,094	86,055	.41
1974 .....	15,092	132,185	127	147,404	17,703	111,872	.53
1975 .....	17,329	154,768	207	172,304	22,708	119,529	.56
1976 .....	30,567	150,764	432	181,763	24,765	138,341	.65
1977 .....	18,157	198,076	272	216,505	64,284	126,583	.63
1978 .....	25,638	233,497	53	259,188	94,612	116,536	.....
1979 .....	48,199	.....	.....	.....	.....	.....	.....

<sup>1</sup>Includes shipments to Puerto Rico.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics. Foreign trade from the U.S. Department of Commerce.

Table 170.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1965-79

Year beginning August	Supply						Exports <sup>1</sup>	Crushed
	Stocks Aug. 1		Production		Imports	Total		
	Edible	Oil stock	Edible	Oil stock				
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 .....	225,965	3,961	1,229,627	317,001	383	1,776,937	175,221	373,547
1966 .....	249,316	8,960	1,176,829	361,026	577	1,796,708	166,316	418,292
1967 .....	245,678	19,096	1,272,713	347,543	557	1,885,587	148,295	483,992
1968 .....	219,717	28,617	1,252,042	352,057	769	1,853,202	79,623	491,447
1969 .....	226,758	23,434	1,284,838	315,672	335	1,851,087	100,051	437,127
1970 .....	238,325	12,677	1,373,076	482,274	204	2,106,556	213,027	600,855
1971 .....	290,965	27,081	1,385,585	518,747	859	2,223,237	403,397	612,322
1972 .....	224,529	33,783	1,503,124	567,067	443	2,323,946	385,588	638,755
1973 .....	240,686	25,586	1,678,534	509,306	444	2,454,556	523,986	513,552
1974 .....	359,752	16,126	1,557,098	558,409	466	2,491,851	548,083	443,665
1975 .....	279,401	20,734	1,590,916	914,655	290	2,805,996	318,229	1,088,087
1976 .....	315,667	83,174	1,757,043	729,842	66	2,885,792	580,496	833,158
1977 .....	372,518	29,803	1,881,633	468,753	148	2,752,885	705,032	366,227
1978 .....	358,984	37,366	1,943,628	435,972	161	2,776,111	745,593	395,951
1979 .....	348,002	46,435	.....	.....	.....	.....	.....	.....

<sup>1</sup>Includes shipments to Puerto Rico.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics. Foreign trade from the U.S. Department of Commerce.



Table 171.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1965-78

Type, and year beginning August	Shelled uses						Apparent disappear- ance (cleaned in shell) <sup>2</sup>
	Peanut butter <sup>1</sup>	Peanut butter sandwiches	Salted	Candy	Other	Total	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Virginia:							
1965	69,871	7,565	150,476	51,389	5,506	284,807	
1966	68,663	7,970	163,676	54,861	5,371	300,541	
1967	48,585	7,925	168,652	58,815	5,533	289,510	
1968	38,415	8,548	173,447	57,444	4,940	282,794	
1969	47,355	6,983	177,319	58,679	7,834	298,170	
1970	50,294	7,895	176,816	58,729	5,895	299,629	
1971	40,685	8,211	173,597	52,157	4,550	279,200	
1972	46,435	7,770	167,941	50,597	4,508	277,251	
1973	72,614	3,821	171,695	53,052	4,336	305,518	
1974	67,461	2,978	132,861	51,278	3,180	257,758	
1975	62,244	3,068	147,933	52,335	2,746	268,326	
1976	46,167	4,566	98,992	49,876	2,222	201,823	
1977	49,517	3,994	88,773	44,260	2,164	188,708	
1978	48,824	4,655	91,426	48,424	2,531	195,860	
Runner							
1965	235,617	9,925	3,965	32,093	8,668	290,268	
1966	210,146	9,890	5,116	41,144	7,703	273,999	
1967	239,313	10,335	5,087	51,096	8,449	314,280	
1968	212,443	9,795	6,408	62,177	9,608	300,431	
1969	209,676	10,318	6,217	71,252	9,600	307,063	
1970	232,567	9,941	5,820	95,373	7,743	351,444	
1971	250,903	12,004	11,948	109,463	8,431	392,749	
1972	265,938	12,983	29,665	122,164	8,694	439,444	
1973	330,043	16,020	51,555	115,278	10,502	523,398	
1974	415,720	13,781	86,092	101,729	7,435	624,756	
1975	447,182	15,204	94,633	124,423	9,742	691,184	
1976	455,900	17,192	102,603	121,193	11,874	708,762	
1977	492,439	23,020	144,309	126,101	13,735	799,604	
1978	546,001	22,528	158,262	158,258	13,949	898,998	
Spanish							
1965	194,002	4,012	58,918	96,577	4,139	357,648	
1966	201,578	4,756	59,929	102,422	4,325	373,010	
1967	225,830	4,133	58,891	106,235	3,259	398,348	
1968	273,892	3,735	60,168	106,751	3,954	448,500	
1969	289,483	4,354	57,375	106,444	3,714	455,370	
1970	257,489	7,481	56,168	89,137	3,933	414,208	
1971	265,259	5,379	56,106	84,426	3,987	415,157	
1972	265,688	4,983	56,824	87,087	4,371	418,863	
1973	257,314	4,041	61,057	83,174	4,457	410,043	
1974	167,803	3,609	59,332	64,028	3,764	298,536	
1975	138,631	2,685	59,069	62,918	3,509	266,812	
1976	115,870	2,460	52,227	63,961	3,726	238,244	
1977	81,870	1,182	41,137	64,858	2,783	191,830	
1978	70,112	884	41,926	61,753	2,625	177,300	
All types:							
1965	499,490	21,502	213,359	180,059	18,313	932,723	94,648
1966	480,387	22,616	228,721	198,427	17,399	947,550	92,302
1967	513,728	22,393	232,630	216,146	17,241	1,002,138	91,534
1968	524,750	22,078	240,023	226,372	18,502	1,031,725	103,887
1969	540,514	21,655	240,911	236,375	21,148	1,060,603	105,831
1970	540,350	25,317	238,304	243,239	17,571	1,065,281	119,236
1971	556,847	25,594	241,651	246,046	16,968	1,087,106	116,089
1972	578,061	25,646	254,430	259,848	17,573	1,135,558	116,567
1973	659,971	23,882	284,307	251,504	19,295	1,238,959	152,070
1974	650,984	20,368	278,285	217,034	14,379	1,181,050	129,447
1975	648,057	20,957	301,635	239,676	15,997	1,226,322	142,029
1976	617,937	24,218	253,822	235,080	17,822	1,148,829	163,177
1977	623,826	28,196	274,219	235,219	18,682	1,180,142	190,593
1978	664,937	28,067	291,614	268,435	19,105	1,272,158	210,935

<sup>1</sup>Excludes peanut butter made by manufacturers for own use in candy and/or peanut butter sandwiches.<sup>2</sup>Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 172.—Peanuts: Area, yield, and production, by States 1977-79

State	Area planted			Peanuts for nuts								
				Area harvested			Yield per harvested acre			Production <sup>2</sup>		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ala .....	216.0	216.0	214.0	215.0	214.0	213.0	2,740	2,630	2,795	589,100	562,820	595,335
Fla .....	63.0	62.0	64.0	55.0	54.0	55.0	3,100	3,380	3,270	170,500	182,520	179,850
Ga .....	530.0	530.0	530.0	526.0	526.0	527.0	2,850	3,300	3,235	1,499,100	1,735,800	1,704,845
Miss .....	7.5	8.3	8.5	7.0	8.0	8.3	1,650	2,000	1,850	11,550	16,000	15,355
N. Mex .....	9.6	9.5	9.2	9.4	9.4	9.2	2,700	2,560	2,750	25,380	24,064	25,300
N. C .....	169.0	169.0	168.0	166.0	166.0	166.0	2,675	2,825	2,280	444,050	468,950	378,480
Okla .....	123.0	123.0	123.0	120.0	115.0	120.0	2,230	1,800	2,200	267,600	207,000	264,000
S. C .....	15.5	15.5	15.0	15.0	15.2	15.0	2,080	2,350	1,950	31,200	35,720	29,250
Tex .....	306.0	307.0	315.0	300.0	301.0	309.0	1,315	1,450	1,725	394,500	436,450	533,025
Va .....	105.0	104.0	103.0	103.0	103.0	102.0	2,845	3,100	2,500	293,035	319,300	255,000
U.S. ....	1,544.6	1,544.3	1,549.7	1,516.4	1,511.6	1,524.5	2,457	2,639	2,611	3,726,015	3,988,624	3,980,440

<sup>1</sup>Preliminary.<sup>2</sup>Net weight basis.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 173.—Peanuts for nuts: Production, disposition, and value, by States, crop of 1979 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per pound	Value of—	
					Production	Sales
	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars
Ala .....	595,335	2,381	592,954	20.5	122,044	121,556
Fla .....	179,850	540	179,310	21.0	37,769	37,655
Ga .....	1,704,845	5,115	1,699,730	20.7	352,903	351,844
Miss .....	15,355	507	14,848	21.0	3,225	3,118
N. Mex .....	25,300	253	25,047	22.6	5,718	5,661
N.C. ....	378,480	8,705	369,775	20.4	77,210	75,434
Okla .....	264,000	528	263,472	20.0	52,800	52,694
S.C. ....	29,250	292	28,958	20.4	5,967	5,907
Tex .....	533,025	1,066	531,959	21.0	111,935	111,711
Va .....	255,000	7,650	247,350	20.7	52,785	51,201
U.S. ....	3,980,440	27,037	3,953,403	20.7	822,356	816,781

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Tables 174.—Peanuts, farmers' stock: Average price per pound to growers, 1965-79<sup>1</sup>

Crop year <sup>2</sup>	Virginia type (Va.-N.C.)	South-eastern Runner	South-western Spanish	New Mexico Valencias	Crop year <sup>2</sup>	Virginia type (Va.-N.C.)	South-eastern Runner	South-western Spanish	New Mexico Valencias
	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents
1965 .....	12.1	11.0	11.3	12.0	1973 .....	16.2	16.6	15.6	16.9
1966 .....	12.2	10.6	11.3	11.4	1974 .....	17.6	18.5	17.4	17.7
1967 .....	11.9	11.4	10.9	12.4	1975 .....	18.7	19.3	18.2	22.5
1968 .....	13.0	11.5	11.8	13.0	1976 .....	19.9	20.1	19.0	24.5
1969 .....	13.4	12.4	12.4	13.6	1977 .....	21.5	22.1	20.8	24.5
1970 .....	13.8	13.0	12.5	13.9	1978 .....	21.9	21.9	20.4	22.1
1971 .....	14.2	14.6	13.6	13.8	1979 .....	21.1	22.4	20.4	21.3
1972 .....	14.6	15.1	14.2	15.2					

<sup>1</sup>Prices are based on average quality factors for each crop year as described in the price-support schedules and summaries of inspections as reported by the Federal-State Inspection Service.<sup>2</sup>Crop year begins about Oct. 1 in the Virginia-North Carolina Section; in August, in the Southeastern and in the Southwestern States.

Agricultural Marketing Service.

Table 175.—Peanuts, farmers' stock: Price-support operations, United States, 1965-79

Year beginning August	Support price		Put under support <sup>2,3</sup>		Owned by CCC July 31 <sup>3</sup>
	Per pound	Percentage of parity <sup>1</sup>	Quantity	Percentage of production	
	<i>Cents</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Million pounds</i>
1965 .....	11.2	77	733	30.7	89
1966 .....	11.35	77	814	33.7	114
1967 .....	11.35	75	685	27.7	12
1968 .....	12.012	78	699	27.4	(4)
1969 .....	12.375	76	622	24.5	(4)
1970 .....	12.75	75	1,084	36.3	11
1971 .....	13.425	75	1,238	41.2	4
1972 .....	14.25	75	1,277	39.0	24
1973 .....	16.425	75	1,029	29.6	0
1974 .....	18.3	75	1,072	29.2	552
1975 .....	19.725	75	1,136	29.5	958
1976 .....	20.7	75	854	22.8	0
1977 .....	21.525	75	535	14.4	2
1978 .....	<sup>5</sup> 21.0	67	515	12.9	.....
1979 .....	<sup>6</sup> 21.0	59	<sup>7</sup> 702	17.7	.....

<sup>1</sup>Percentage of the parity price as of the beginning of the marketing year.<sup>2</sup>Includes loans made and direct purchases.<sup>3</sup>Includes shelled peanuts converted to farmers' stock basis.<sup>4</sup>Less than 500,000 pounds.<sup>5</sup>Quota peanuts were supported at 21.0 cents per pound and additional peanuts at 12.5 cents per pound.<sup>6</sup>Quota peanuts were supported at 21.0 cents per pound and additional peanuts at 15.0 cents per pound.<sup>7</sup>Preliminary.

Agricultural Stabilization and Conservation Service.

Table 176.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1969-78<sup>1</sup>

Classification	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Southeastern area:										
Georgia, Alabama, and Florida:										
Shelled:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Runner Jumbo <sup>2</sup> .....	.....	.....	24½	25½	29¾	32½	33½	34¾	37¼	36¾
Runner Medium .....	.....	.....	.....	.....	.....	29½	31¾	33	35¼	35
Runner U.S. Splits .....	20¼	20¾	22½	23¼	26	26½	27½	26¾	32¼	33¾
Virginia-North Carolina:										
Clean unshelled Virginias:										
Fancy .....	20¾	21½	23½	23½	26½	33¾	30¾	32½	36½	34
Shelled Virginias:										
Extra large .....	26½	25½	27½	32½	34½	40¾	39¾	39¾	40¾	42¾
Medium .....	23¾	22¾	26¾	29¾	32½	34¾	36¾	37¼	38¾	37¾
No. 2 with 70% splits .....	19¾	20¾	22¼	23½	25¼	24¾	25¾	30¼	31¾	.....
Southwestern area:										
Texas and Oklahoma:										
Shelled:										
Spanish No. 1 .....	22	21¾	23¾	24¼	30½	30¾	34¼	36¼	40¾	38¾
Spanish U.S. Splits .....	22½	21¼	23	23½	26¾	27¼	27½	27½	33½	34¾
New Mexico:										
Handpicked unshelled Valencias <sup>3</sup> .....	20	20¾	21¾	22	25½	29¾	31¾	32½	34½	35¾

<sup>1</sup>Crop year begins about Oct. 1 in the Virginia-North Carolina area; in August, in the Southeastern and the Southwestern States. Prices are for shipment within 6 months.<sup>2</sup>Not reported before 1971 crop.<sup>3</sup>No U.S. grade standards apply to Valencia peanuts.

Agricultural Marketing Service.

Table 177.—Peanuts:<sup>1</sup> Area and production in specified countries and the world, 1977-79

Continent and country	Harvested area <sup>2</sup>			Production		
	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:						
United States .....	614	612	617	1,690	1,809	1,804
Mexico .....	38	42	38	50	55	50
Cuba .....	15	15	15	15	15	15
Dominican Republic .....	52	54	50	40	40	40
Other countries .....	4	4	4	2	2	2
Total <sup>4</sup> .....	723	727	724	1,797	1,921	1,911
South America:						
Argentina .....	428	398	315	372	672	400
Brazil <sup>5</sup> .....	255	275	290	340	462	470
Paraguay .....	21	21	21	18	18	18
Uruguay .....	3	3	3	3	3	3
Other countries .....	42	60	63	53	56	54
Total .....	749	749	692	786	1,211	945
Europe:						
Total (including Soviet Union) .....	12	12	12	23	24	26
Africa:						
Sudan .....	1,104	981	980	1,021	829	1,100
Egypt .....	15	13	13	30	26	26
Cameroon .....	202	202	202	90	90	90
Ghana .....	105	105	105	64	64	64
Zaire .....	270	270	270	295	295	295
Gambia .....	100	100	100	94	145	145
Ivory Coast .....	52	52	52	49	50	50
Malagasy Republic .....	43	35	43	47	29	48
Mali .....	97	97	97	120	150	150
Mozambique <sup>6</sup> .....	200	200	200	70	100	100
Niger .....	160	160	160	82	82	85
Nigeria .....	820	600	600	390	315	250
Malawi .....	239	239	239	165	165	165
Zimbabwe .....	170	170	170	120	120	120
Zambia .....	35	35	35	6	6	6
Senegal .....	1,079	975	975	671	1,050	900
South Africa <sup>5</sup> .....	214	213	215	311	179	358
Other countries .....	1,167	1,176	1,224	772	785	786
Total <sup>4</sup> .....	6,072	5,623	5,680	4,397	4,480	4,738
Asia:						
Israel .....	6	6	6	21	27	22
Turkey (Europe and Asia) .....	22	22	23	50	52	52
China:						
Mainland .....	2,300	2,300	2,525	2,065	2,377	2,638
Taiwan .....	53	58	60	72	92	88
Burma <sup>5</sup> .....	668	668	668	450	450	450
India .....	7,029	7,548	7,275	6,087	6,387	5,700
Indonesia .....	514	530	580	743	725	792
Japan <sup>5</sup> .....	35	35	35	69	62	67
Pakistan <sup>5</sup> .....	51	36	47	72	45	65
Philippines .....	48	48	48	37	40	40
Thailand .....	102	120	130	106	120	150
Other countries .....	165	166	171	216	192	202
Total <sup>4</sup> .....	10,985	11,537	11,518	9,988	10,569	10,266
Oceania: Australia .....	30	36	36	39	52	51
World total <sup>4</sup> .....	18,571	18,684	18,662	17,030	18,257	17,987

<sup>1</sup> Peanuts in the shell. Southern Hemisphere peanut crop, which is harvested from April to June, is combined with that of the Northern Hemisphere harvested from September through December of the same year.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes estimates for the above countries for which data are not available.

<sup>5</sup> Planted area.

<sup>6</sup> Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 178.—Soybeans: Area, yield, production, disposition, and value, United States, 1965–79

Year	Area planted	Soybeans for beans							
		Area harvested	Yield per acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>1</sup>	Value of production
					For seed	Fed to livestock			
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1965 .....	35,227	34,449	24.5	845,608	21,970	852	822,786	2.54	2,151,305
1966 .....	37,294	36,546	25.4	928,481	23,322	949	904,210	2.75	2,553,612
1967 .....	40,819	39,805	24.5	976,439	23,092	921	952,426	2.49	2,433,519
1968 .....	42,265	41,391	26.7	1,106,958	21,301	873	1,084,784	2.43	2,688,571
1969 .....	42,534	41,337	27.4	1,133,120	20,260	885	1,111,975	2.35	2,664,204
1970 .....	43,082	42,249	26.7	1,127,100	19,398	1,074	1,106,628	2.85	3,214,710
1971 .....	43,476	42,705	27.5	1,176,101	20,793	1,082	1,154,226	3.03	3,560,022
1972 .....	46,866	45,683	27.8	1,270,608	22,569	1,116	1,246,923	4.37	5,550,074
1973 .....	56,549	55,667	27.8	1,547,543	22,521	1,250	1,523,772	5.68	8,790,042
1974 .....	52,479	51,341	23.7	1,216,287	24,263	1,054	1,190,970	6.64	8,078,943
1975 .....	54,550	53,579	28.9	1,547,383	<sup>2</sup> 21,055		1,526,328	4.92	7,617,984
1976 .....	50,226	49,358	26.1	1,287,560	23,893		1,263,667	6.81	8,768,979
1977 .....	58,760	57,612	30.6	1,761,755	25,427		1,736,328	5.88	10,352,409
1978 .....	64,383	63,343	29.5	1,870,181	26,078		1,844,103	6.66	12,458,598
1979 <sup>3</sup> .....	71,586	70,530	32.2	2,267,647	26,647		2,241,000	6.19	14,039,171

<sup>1</sup>Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>2</sup>Beginning 1975, not estimated separately.

<sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 179.—Soybeans: Stocks on and off farms, United States, 1965–80

Year	On farms				Off farms <sup>3</sup>			
	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Sept. 1 <sup>2</sup>	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Sept. 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1965 .....	190,728	98,002	22,982	7,568	334,820	249,035	108,465	22,131
1966 .....	284,312	149,747	19,155	4,412	334,554	225,888	114,867	31,227
1967 .....	344,394	217,411	84,611	41,626	377,041	240,500	114,170	48,511
1968 .....	350,816	235,842	120,602	60,709	432,333	301,182	164,389	105,618
1969 .....	410,168	276,930	141,360	71,852	550,329	452,343	316,815	254,992
1970 .....	372,069	209,236	78,711	40,580	683,425	525,001	324,676	189,256
1971 .....	391,960	246,491	90,595	20,554	553,012	369,063	190,832	78,225
1972 .....	397,631	218,618	58,440	11,779	491,387	333,677	174,394	60,183
1973 .....	428,798	145,261	33,847	9,412	437,924	358,372	145,352	50,222
1974 .....	607,233	331,211	150,738	64,414	552,766	405,943	190,865	106,337
1975 .....	484,978	332,096	165,597	78,229	505,392	323,317	191,704	109,922
1976 .....	590,466	411,366	253,963	86,150	665,689	456,283	300,938	158,781
1977 .....	473,120	227,723	92,374	32,748	559,045	390,214	243,335	70,168
1978 .....	672,861	393,684	207,102	59,000	652,400	455,448	298,815	102,044
1979 .....	700,713	414,372	242,466	61,823	692,534	467,646	284,850	112,579
1980 <sup>4</sup> .....	893,326	603,758	.....	.....	877,896	580,322	.....	.....

<sup>1</sup>Beginning 1976, estimates are for June 1.

<sup>2</sup>Old crop only. Prior to 1966, estimates are for Oct. 1.

<sup>3</sup>Stocks at mills, elevators, warehouses, processing plants, and terminals.

<sup>4</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 180.—Soybeans: Supply and disappearance, United States, 1965–1979

Year beginning September	Supply					
	Stocks by position				Production	Total
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corporation <sup>1</sup>	Total		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1965 .....	7,568	22,132	.....	29,700	845,608	875,308
1966 .....	4,412	31,227	.....	35,639	928,481	964,120
1967 .....	41,626	48,511	.....	90,137	976,439	1,066,576
1968 .....	60,709	105,589	29	166,327	1,106,958	1,273,285
1969 .....	71,852	249,666	5,326	326,844	1,133,120	1,459,964
1970 .....	40,580	180,518	8,738	299,836	1,127,100	1,356,936
1971 .....	20,554	78,223	2	98,779	1,176,101	1,274,880
1972 .....	11,779	60,183	.....	71,962	1,270,608	1,342,570
1973 .....	9,412	50,222	.....	59,634	1,547,543	1,607,177
1974 .....	64,414	106,337	.....	170,751	1,216,287	1,387,038
1975 .....	78,229	109,922	.....	188,151	1,547,383	1,735,534
1976 .....	86,150	158,781	.....	244,931	1,287,260	1,532,491
1977 .....	32,748	70,168	.....	102,916	1,761,764	1,864,680
1978 <sup>2</sup> .....	59,000	102,044	.....	161,044	1,870,200	2,031,244
1979 <sup>2</sup> .....	.....	.....	.....	174,000	2,267,600	2,441,600

  

Year beginning September	Disappearance				
	Seed <sup>3</sup>	Crushed <sup>4</sup>	Feed and residual <sup>3</sup>	Net exports <sup>5</sup>	Total
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1965 .....	42,752	537,477	8,849	250,591	839,669
1966 .....	47,110	559,403	5,879	261,591	873,983
1967 .....	48,563	576,390	8,719	266,577	900,249
1968 .....	47,302	605,920	6,443	286,776	946,441
1969 .....	48,533	737,349	11,644	432,602	1,230,128
1970 .....	48,105	760,129	16,122	433,801	1,258,157
1971 .....	50,986	720,544	14,559	416,829	1,202,918
1972 .....	60,755	721,800	20,940	479,441	1,282,936
1973 .....	56,093	821,313	19,890	539,130	1,436,426
1974 .....	57,226	701,262	19,697	420,702	1,198,887
1975 .....	53,542	865,121	16,845	555,095	1,490,603
1976 .....	65,000	790,204	10,308	564,063	1,429,575
1977 .....	.....	926,658	78,469	700,483	1,703,627
1978 <sup>2</sup> .....	.....	1,017,820	87,000	752,979	1,857,799
1979 <sup>2</sup> .....	.....	1,120,000	97,000	825,000	2,042,000

<sup>1</sup> Owned by CCC and stored in bins or other storage owned or controlled by CCC. Other CCC-owned grain included in the estimates by positions.

<sup>2</sup> Preliminary.

<sup>3</sup> Seed, feed, and residual are combined, beginning 1977.

<sup>4</sup> Reported by the U.S. Department of Commerce.

<sup>5</sup> Imports negligible.

Economics, Statistics, and Cooperatives Service—Economics.

## FOOTNOTES FOR TABLE 182

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Data from the U.S. Department of Commerce.

Table 181.—Soybeans: Area, yield, and production, by States, 1977-79

State	Area planted			Soybeans for beans								
	1977	1978	1979 <sup>1</sup>	Area harvested			Yield per harvested acre			Production		
				1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>Bush-els</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Ala .....	1,650	2,000	2,300	1,600	1,950	2,250	21.0	21.0	25.0	33,600	40,950	56,250
Ark .....	4,650	4,750	5,200	4,600	4,700	5,150	23.0	24.5	28.0	105,800	115,150	144,200
Del .....	230	250	270	225	245	265	24.0	28.0	30.0	5,400	6,860	7,950
Fla .....	334	420	460	327	410	453	25.0	25.0	29.0	8,175	10,250	13,137
Ga .....	1,250	1,750	2,150	1,090	1,680	2,100	20.0	17.5	28.0	21,800	29,400	58,800
Ill .....	8,900	9,250	9,800	8,850	9,190	9,720	38.0	33.5	38.5	336,300	307,865	374,220
Ind .....	3,930	4,200	4,500	3,900	4,180	4,420	37.0	34.5	36.0	144,300	144,210	159,120
Iowa .....	7,100	7,600	8,200	7,080	7,550	8,170	35.5	38.5	38.0	251,340	290,675	310,460
Kans .....	1,020	1,520	1,580	990	1,490	1,560	28.5	18.0	26.5	28,215	26,820	41,340
Ky .....	1,350	1,450	1,720	1,320	1,410	1,660	31.0	30.0	32.5	40,920	42,300	53,950
La .....	2,750	2,900	3,250	2,680	2,840	3,200	23.5	25.0	28.0	62,980	71,000	89,600
Md .....	330	350	390	325	345	385	27.0	32.0	30.0	8,775	1,040	11,550
Mich .....	730	810	980	720	800	970	30.0	24.0	29.5	21,600	19,200	28,615
Minn .....	3,800	4,100	5,300	3,770	4,060	5,230	35.5	36.0	32.0	133,835	146,160	167,360
Miss .....	3,750	3,900	4,200	3,650	3,800	4,100	21.5	21.5	29.0	78,475	81,700	118,900
Mo .....	4,730	5,600	6,000	4,650	5,540	5,930	32.0	28.5	31.5	148,800	157,890	186,795
Nebr .....	1,150	1,270	1,630	1,130	1,250	1,610	36.0	34.0	34.0	40,680	42,500	54,740
N.J .....	185	210	227	177	206	225	24.0	31.0	30.0	4,248	6,386	6,750
N.Y .....	21	23	24	19	22	23	23.0	23.0	26.0	437	506	598
N.C .....	1,450	1,750	2,000	1,320	1,680	1,950	22.0	24.5	23.5	29,040	41,160	45,825
N. Dak .....	180	175	210	175	173	206	20.0	27.5	27.0	3,500	4,758	5,562
Ohio .....	3,400	3,780	4,050	3,380	3,750	4,030	35.5	33.5	36.0	119,990	125,625	145,080
Okla .....	360	340	350	340	315	330	23.0	17.0	23.0	7,820	5,355	7,590
Pa .....	70	65	85	67	62	82	31.0	31.5	32.0	2,077	1,953	2,624
S.C .....	1,350	1,510	1,700	1,300	1,470	1,660	20.5	22.0	24.0	26,650	32,340	39,840
S. Dak .....	320	400	650	315	390	635	30.5	30.5	33.0	9,608	11,895	20,955
Tenn .....	2,320	2,530	2,700	2,220	2,420	2,620	23.5	23.5	27.0	52,170	56,870	70,740
Tex .....	800	800	860	760	745	805	26.5	26.5	26.0	20,140	19,743	20,930
Va .....	450	460	500	440	455	496	19.0	28.0	28.5	8,360	12,740	14,136
Wis .....	200	220	300	192	215	295	35.0	32.0	34.0	6,720	6,880	10,030
U.S .....	58,760	64,383	71,586	57,612	63,343	70,530	30.6	29.5	32.2	1,761,755	1,870,181	2,267,647

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 182.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1965-79

Year beginning October	Soybeans crushed					Soybean oil			Soybean cake and meal		
	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total	Stocks Oct. 1	Pro-duction	Exports and ship-ments	Stocks Oct. 1	Pro-duction	Exports
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1965 .....	141,237	144,717	138,699	117,730	542,383	297	5,800	948	106	12,901	2,604
1966 .....	143,653	142,106	145,507	135,054	566,320	462	6,076	1,105	132	13,483	2,657
1967 .....	152,600	148,090	140,960	130,777	572,427	596	6,032	993	138	13,660	2,899
1968 .....	162,479	149,442	155,465	147,837	615,223	540	6,531	899	145	14,581	3,044
1969 .....	186,968	184,637	193,571	177,961	743,137	415	7,904	1,449	157	17,596	4,035
1970 .....	200,759	191,422	188,632	180,452	761,265	543	8,265	1,732	137	18,035	4,559
1971 .....	183,384	187,975	178,657	168,297	718,263	773	7,892	1,440	146	17,024	3,805
1972 .....	206,728	199,750	172,122	132,446	711,046	785	7,501	1,088	192	16,708	4,745
1973 .....	207,370	220,861	210,723	194,517	833,471	516	8,995	1,461	183	19,674	5,548
1974 .....	182,656	178,196	163,587	179,710	704,149	794	7,375	1,090	507	16,702	4,299
1975 .....	220,260	222,106	231,457	208,666	877,489	561	9,630	1,034	358	20,754	5,145
1976 .....	219,012	218,168	184,431	151,666	773,277	1,251	8,578	1,608	355	18,488	4,614
1977 .....	247,701	247,190	235,108	216,180	946,179	767	10,288	2,137	228	22,317	6,080
1978 .....	275,260	261,117	253,009	232,880	1,022,266	729	11,323	2,409	243	24,354	6,610
1979 <sup>1</sup> .....	301,607	.....	.....	.....	.....	776	11,719	2,280	267	25,885	7,000

See footnotes on page 130.

Table 183.—Soybeans for beans: Production, disposition, and value, by States, crop of 1979 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Ala .....	56,250	394	55,856	6.10	343,125	340,722
Ark .....	144,200	2,019	142,181	6.35	915,670	902,849
Del .....	7,960	207	7,743	6.30	50,085	48,781
Fla .....	13,137	79	13,058	6.60	86,704	86,183
Ga .....	58,800	588	58,212	6.25	367,500	363,825
Ill .....	374,220	2,994	371,226	6.40	2,395,008	2,375,846
Ind .....	159,120	1,591	157,529	6.30	1,002,456	992,433
Iowa .....	310,460	2,484	307,976	6.05	1,878,283	1,863,255
Kans .....	41,340	827	40,513	5.90	243,906	239,027
Ky .....	53,950	593	53,357	6.45	347,978	344,153
La .....	89,600	269	89,331	6.35	568,960	567,252
Md .....	11,550	243	11,307	6.30	72,765	71,234
Mich .....	28,615	486	28,129	5.95	170,259	167,368
Minn .....	167,360	2,678	164,682	5.80	970,688	955,156
Miss .....	118,900	1,665	117,235	6.25	743,125	732,719
Mo .....	186,795	2,242	184,553	6.10	1,139,450	1,125,773
Nebr .....	54,740	821	53,919	5.85	320,229	315,426
N.J .....	6,750	115	6,635	6.20	41,850	41,137
N.Y .....	598	48	550	5.80	3,468	3,190
N.C .....	45,825	733	45,092	6.40	293,280	288,589
N. Dak .....	5,562	61	5,501	5.50	30,591	30,256
Ohio .....	145,080	1,741	143,339	6.25	906,750	895,869
Oklahoma .....	7,590	235	7,355	5.65	42,384	41,556
Pa .....	2,624	115	2,509	5.90	15,482	14,803
S.C .....	39,840	1,036	38,904	6.30	250,992	244,465
S. Dak .....	20,955	524	20,431	5.90	123,635	120,543
Tenn .....	70,740	1,203	69,537	6.35	449,199	441,560
Tex .....	20,930	42	20,888	5.60	117,208	116,973
Va .....	14,136	283	13,853	6.40	90,470	88,659
Wis .....	10,030	331	9,699	5.70	57,171	55,284
U.S .....	2,267,647	26,647	2,241,000	6.19	14,089,171	13,874,886

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 184.—Soybeans: Price-support operations, United States, 1965–80

Year beginning September <sup>1</sup>	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Aug. 31 <sup>1</sup>
	Per bushel	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	Dollars	Percent	1,000 bushels	Percent	1,000 bushels	1,000 bushels
1965 .....	2.25	74	86,517	10.2	29	9
1966 .....	2.50	78	153,521	16.5	26,421	7,340
1967 .....	2.50	76	201,371	20.6	84,361	29,435
1968 .....	2.50	74	340,271	30.8	170,102	171,423
1969 .....	2.25	62	179,499	15.9	232	150,191
1970 .....	2.25	60	146,420	13.0	37	2,500
1971 .....	2.25	56	168,204	14.3	45	1
1972 .....	2.25	54	90,555	7.1	7	.....
1973 .....	2.25	45	124,177	8.0	4	.....
1974 .....	2.25	37	34,554	2.8	.....	.....
1975 .....	( <sup>5</sup> )	.....	.....	.....	.....	.....
1976 .....	2.50	34	22,471	1.7	.....	.....
1977 .....	3.50	46	97,548	5.5	.....	.....
1978 .....	4.50	51	64,173	3.4	.....	.....
1979 .....	4.50	45	<sup>6</sup> 120,000	5.3	.....	.....
1980 .....	4.50	40	.....	.....	.....	.....

<sup>1</sup> Year beginning October through 1964; CCC-owned stocks as of Sept. 30 through 1965.<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>3</sup> Includes loans made, purchase agreements entered into, and direct purchases.<sup>4</sup> Acquisitions through loans and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.<sup>5</sup> Price support not authorized for the 1975 crop.<sup>6</sup> Preliminary.

Agricultural Stabilization and Conservation Service.



Table 185.—Soybeans, soybean oil, and meal: Average price at specified markets, 1965-78

Year beginning October	Soybeans per bushel: No. 2 Yellow Chicago <sup>1</sup>	Oil, domestic, per pound		Meal per ton: 44 percent protein bulk, Decatur	Year beginning October	Soybeans, per bushel: No. 2 Yellow Chicago <sup>1</sup>	Oil, domestic, per pound		Meal, per ton: 44 percent protein, bulk, Decatur
		Crude, tanks, mid-western mills	Refined, tanks, New York <sup>2</sup>				Crude, tanks, mid-western mills	Refined, tanks, New York <sup>2</sup>	
	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>
1965 .....	2.63	11.8	13.6	81.50	1972 .....	5.34	16.1	17.7	229.00
1966 .....	2.92	10.1	12.4	78.80	1973 .....	6.78	31.3	33.0	146.30
1967 .....	2.64	8.4	10.5	76.90	1974 .....	5.31	30.5	33.1	131.70
1968 .....	2.56	8.3	10.4	74.10	1975 .....	4.65	18.4	28.5	147.80
1969 .....	2.68	11.0	13.1	78.40	1976 .....	.....	24.0	29.2	199.80
1970 .....	2.98	12.9	14.6	78.50	1977 .....	.....	23.8	26.9	164.20
1971 .....	3.10	11.4	12.7	90.20	1978 .....	.....	26.9	32.9	190.10

<sup>1</sup> Prices are weighted by carlot sales.<sup>2</sup> Quotations are price-per-pound drums prior to January 1959.

Economics, Statistics, and Cooperatives Service—Economics.

Table 186.—Soybeans: Area, yield and production in specified countries and the world, 1977-79<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per acre			Production		
	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:									
Canada .....	202	285	283	2.61	1.81	2.37	527	516	672
United States <sup>4</sup> .....	23,315	25,634	28,543	2.06	1.99	2.16	47,947	50,898	61,715
Mexico .....	300	215	400	1.57	1.54	1.50	470	330	600
South America:									
Argentina .....	1,200	1,700	1,850	2.25	2.24	2.11	2,700	3,800	3,900
Brazil .....	7,600	8,035	8,500	1.34	1.27	1.73	10,200	10,200	14,700
Colombia .....	71	69	73	1.90	1.99	1.99	135	137	145
Paraguay <sup>5</sup> .....	272	365	433	1.03	1.23	1.50	280	450	650
Europe:									
Romania .....	171	202	270	1.12	1.12	1.39	191	227	376
Yugoslavia .....	32	34	25	2.09	1.85	1.80	67	63	45
Soviet Union (Europe and Asia) ..	786	815	840	.687	.778	.714	540	634	600
Africa:									
Nigeria <sup>6</sup> .....	14	34	42	1.86	2.32	2.52	26	79	106
South Africa <sup>5,7</sup> .....	25	26	26	1.60	1.00	1.35	40	26	35
Asia:									
Iran .....	42	67	70	2.05	1.72	1.86	86	115	130
Turkey (Europe and Asia) .....	5	4	4	1.20	1.25	1.25	6	5	5
China:									
Mainland .....	9,100	9,200	9,200	1.04	1.14	1.14	9,500	10,500	10,500
Taiwan .....	24	25	25	1.71	1.80	1.80	41	45	45
Indonesia .....	663	741	710	.789	.771	.803	523	571	570
Japan <sup>5</sup> .....	79	127	130	1.40	1.50	1.48	111	190	192
Kampuchea .....	4	4	4	1.00	1.00	1.00	4	4	4
Korea, Rep. of <sup>5</sup> .....	251	247	280	1.27	1.19	.918	319	293	257
Philippines .....	10	10	10	.800	.800	.800	8	8	8
Thailand .....	110	120	130	.818	1.00	1.04	90	120	135
Other countries .....	841	968	1,142	.964	1.01	1.03	811	975	1,138
World total <sup>8</sup> .....	45,117	48,927	52,990	1.65	1.64	1.82	74,622	80,186	96,528

<sup>1</sup> Years shown refer to years of harvest. Southern Hemisphere crops which are harvested in the early part of the year are combined with those of the Northern Hemisphere harvested the latter part of the same year.<sup>2</sup> Harvested area as far as possible.<sup>3</sup> Preliminary.<sup>4</sup> Area harvested for beans.<sup>5</sup> Planted area.<sup>6</sup> Quantities purchased by the Nigerian Marketing Boards for exports.<sup>7</sup> European farms only.<sup>8</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 187.—Soybeans, soybean oil, and soybean oilseed cake and meal: United States exports by country of destination, crop years 1976-78<sup>1</sup>

Continent and country of destination	Soybeans			Soybean oil <sup>3</sup>			Soybean oilseed cake and meal		
	1976	1977	1978 <sup>2</sup>	1976	1977	1978 <sup>2</sup>	1976	1977	1978 <sup>2</sup>
<b>North America:</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Barbados .....	5	45	21	34	51	346	4,140	3,662	5,240
Canada .....	461,854	263,603	351,676	25,959	27,736	20,890	256,390	339,465	414,038
Haiti .....	0	0	0	17,186	13,756	17,222	0	1,481	0
Jamaica .....	18,388	44,821	46,851	4,748	3,773	4,225	31,615	8,648	12,885
Mexico .....	377,113	525,027	584,605	15,352	29,592	5,118	190,490	95,410	91,160
Netherlands Antilles .....	0	0	0	1,371	1,374	1,281	1,145	431	547
Panama .....	0	0	0	12,491	8,293	18,951	6,994	4,447	8,478
<b>Total<sup>4</sup></b> .....	<b>876,809</b>	<b>863,882</b>	<b>1,000,025</b>	<b>86,019</b>	<b>108,559</b>	<b>115,480</b>	<b>573,946</b>	<b>562,506</b>	<b>639,250</b>
<b>South America:</b>									
Bolivia .....	0	0	0	388	889	935	0	0	0
Chile .....	0	0	0	11,954	21,972	22,819	108	152	2,499
Colombia .....	0	18	0	27,278	44,053	84,051	14,373	464	5,248
Ecuador .....	1	0	2,720	16,196	26,006	22,442	319	3,311	0
Peru .....	26,156	35,000	22,576	57,326	68,603	29,381	0	0	0
Surinam .....	0	5	0	23	7	26	0	0	45
Venezuela .....	22,229	54,281	55,730	768	369	12,692	127,624	114,200	244,351
<b>Total<sup>4</sup></b> .....	<b>48,483</b>	<b>91,715</b>	<b>159,630</b>	<b>114,239</b>	<b>162,798</b>	<b>175,852</b>	<b>148,491</b>	<b>121,498</b>	<b>257,144</b>
<b>Europe:</b>									
Belgium and Luxembourg .....	410,611	475,343	420,208	1	1,999	3	83,426	36,986	3,817
Czechoslovakia .....	0	0	0	0	0	0	100,221	63,714	174,487
Denmark .....	306,468	423,258	341,183	7	3	5	36,775	26,069	65,632
France .....	460,414	572,533	674,603	2	4,999	3,569	130,970	146,611	355,096
Germany, Fed. Rep. of .....	1,520,111	1,521,358	1,485,772	315	7,879	33	953,078	1,004,361	717,576
Greece .....	47,940	82,929	110,626	0	0	0	22,542	39,432	37,366
Iceland .....	0	0	0	0	40	42	0	0	0
Ireland .....	0	0	0	0	5	5	36,088	83,573	117,931
Italy .....	855,206	870,277	858,497	1	89	0	428,753	741,607	691,069
Netherlands .....	3,007,381	4,085,923	4,011,594	2,000	14,202	2	565,778	654,668	748,061
Norway .....	201,217	233,028	254,109	0	0	0	0	0	0
Poland .....	15,037	129,937	72,709	0	1,514	23,792	256,943	493,318	243,043
Spain .....	1,029,731	1,532,049	1,474,921	0	0	0	143,330	237,282	253,542
Sweden .....	0	39	0	2	88	89	0	346	4,886
Switzerland .....	113,524	59,785	90,587	0	1,499	0	72,891	83,226	25,505
United Kingdom .....	405,563	622,685	670,184	41	1,510	9	46,686	64,955	66,762
Yugoslavia .....	40,081	149,681	266,171	0	0	0	95,168	113,067	57,887
<b>Total<sup>4</sup></b> .....	<b>8,600,543</b>	<b>11,168,846</b>	<b>11,108,747</b>	<b>2,369</b>	<b>34,129</b>	<b>27,554</b>	<b>3,078,138</b>	<b>4,218,134</b>	<b>4,543,513</b>
<b>Soviet Union</b> .....	<b>825,377</b>	<b>744,180</b>	<b>1,177,662</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26,979</b>
<b>Africa:</b>									
Algeria .....	0	0	0	510	510	155	1,562	4,564	0
Morocco .....	28,322	48,446	0	2,973	5,646	5,992	0	0	0
South Africa .....	0	170	0	30	357	813	293	0	76
Egypt .....	21,031	40,713	19,544	1,376	6,101	13,886	20,122	54,099	0
<b>Total<sup>4</sup></b> .....	<b>49,460</b>	<b>111,331</b>	<b>19,544</b>	<b>19,032</b>	<b>40,516</b>	<b>57,672</b>	<b>22,339</b>	<b>69,533</b>	<b>9,704</b>
<b>Asia:</b>									
China, Taiwan .....	696,598	854,215	1,270,527	101	20	0	17,000	709	0
India .....	0	37	0	252,208	247,734	181,082	3,023	1,462	0
Israel .....	361,813	448,245	312,602	3,148	6,311	9,812	15	5	0
Japan .....	3,218,577	3,636,412	3,864,830	10	353	78	217,465	271,287	204,470
Korea, Rep. of .....	155,987	235,591	432,647	9	236	11	0	18,644	92,897
Pakistan .....	0	0	0	119,214	95,814	163,319	0	0	0
Philippines .....	19,224	23,382	19,122	28	502	5,375	40	21,032	25
Turkey .....	0	0	0	0	45	0	0	0	0
<b>Total<sup>4</sup></b> .....	<b>4,531,689</b>	<b>5,467,244</b>	<b>6,183,502</b>	<b>455,313</b>	<b>560,677</b>	<b>657,929</b>	<b>282,925</b>	<b>517,660</b>	<b>514,500</b>
<b>Oceania:</b>									
Australia .....	21,661	14,893	151	20,054	20,951	16,205	9,877	24,119	4,240
New Zealand .....	0	550	0	4,540	4,081	5,236	913	1,279	536
<b>Total</b> .....	<b>21,667</b>	<b>15,458</b>	<b>152</b>	<b>24,956</b>	<b>26,244</b>	<b>24,442</b>	<b>10,789</b>	<b>25,872</b>	<b>5,171</b>
<b>Grand total<sup>5</sup></b> .....	<b>6 15,351,432</b>	<b>6 19,061,083</b>	<b>6 20,115,384</b>	<b>701,929</b>	<b>932,924</b>	<b>1,058,923</b>	<b>4,116,627</b>	<b>5,515,252</b>	<b>5,996,261</b>

See footnotes on page 138.

Table 188.—Sunflower: Area, yield, production, and value, United States, 1962-79<sup>1</sup>

Year	Area harvested	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1962	13	12.5	980	12,250	5.50	674
1963	31	30	970	29,100	4.35	1,266
1964	41.5	40	644	25,760	4.12	1,061
1965	49.5	46	827	38,050	4.87	1,852
1966	76	73	894	65,240	5.63	3,673
1967	221	216	1,037	223,960	4.82	10,804
1968	156	151	1,031	155,670	4.30	6,699
1969	195	185	927	171,430	4.59	7,870
1970	219	207	902	186,670	4.91	9,157
1971	405	392	1,050	411,680	5.09	20,973
1972	719	692	916	633,560	4.86	30,768
1973	678	666	1,080	719,070	8.52	61,243
1974	572	548	957	524,705	15.90	83,219
1975	787	709	1,109	786,010	10.80	84,962
1976	834	810	1,058	857,100	11.00	94,229
1977	2,321	2,205	1,252	2,760,470	10.20	280,428
1978	2,840	2,798	1,377	3,852,540	10.70	413,524
1979	5,555	5,410	1,350	7,305,590	8.83	645,256

<sup>1</sup>Minnesota, North Dakota, South Dakota and Texas; prior to 1977, Minnesota and North Dakota, except 1962-63 North Dakota only.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 189.—Sunflower, Oil Varieties: Area, yield, production, and value, United States, 1967-79<sup>1</sup>

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1967	95.8	92.8	1,096	101,735	4.65	4,730
1968	54	52.8	1,112	58,710	3.79	2,224
1969	55.2	52	1,087	56,500	3.93	2,223
1970	77	73	945	69,000	4.13	2,850
1971	164	159	1,108	176,220	4.49	7,907
1972	510	493	989	463,010	4.70	21,779
1973	495	486	1,138	553,200	8.06	44,567
1974	321	309	1,010	312,025	16.70	51,976
1975	573	523	1,117	584,000	10.50	61,137
1976	616	600	1,072	643,200	10.70	68,796
1977	2,075	1,965	1,258	2,472,120	10.10	249,348
1978	2,598	2,559	1,383	3,538,140	10.70	379,576
1979	5,331	5,191	1,350	7,008,550	8.69	609,236

<sup>1</sup>Minnesota, North Dakota, South Dakota and Texas; prior to 1977, Minnesota and North Dakota.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 190.—Sunflower, Non-Oil Varieties: Area, yield, production, and value, United States, 1967-79<sup>1</sup>

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1967 .....	125.2	123.2	992	122,225	4.97	6,074
1968 .....	102	98.2	987	96,960	4.62	4,475
1969 .....	139.8	133	864	114,930	4.91	5,647
1970 .....	142	134	878	117,670	5.36	6,307
1971 .....	241	233	1,011	235,460	5.55	13,068
1972 .....	209	199	857	170,550	5.27	8,989
1973 .....	183	180	922	165,870	8.20	13,609
1974 .....	251	239	890	212,680	14.70	31,243
1975 .....	214	186	1,086	202,010	11.80	23,825
1976 .....	218	210	1,019	213,900	11.90	25,433
1977 .....	246	240	1,201	288,350	10.80	31,080
1978 .....	242	239	1,315	314,400	10.80	33,948
1979 .....	224	219	1,356	297,040	12.10	36,020

<sup>1</sup> Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 191.—Sunflower: Area, yield, production, and value, by States, 1978-79

State	Area planted		Area harvested		Yield per harvested acre		Production		Season average price per cwt.		Value of production	
	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979	1978	1979
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Oil Varieties												
Minn .....	650	1,340	640	1,290	1,540	1,390	985,600	1,793,100	11.60	8.65	114,330	155,103
N. Dak .....	1,740	3,300	1,731	3,220	1,360	1,360	2,354,160	4,379,200	10.40	8.75	244,833	383,180
S. Dak .....	164	617	159	612	1,120	1,230	178,080	752,760	10.30	8.25	18,342	62,103
Tex .....	44	74	29	69	700	1,110	20,300	83,490	10.20	10.60	2,071	8,850
U.S. ....	2,598	5,331	2,559	5,191	1,383	1,350	3,538,140	7,008,550	10.70	8.69	379,576	609,236
Non-Oil Varieties												
Minn .....	60	60	58	57	1,490	1,360	86,420	77,520	10.50	13.00	9,074	10,078
N. Dak .....	180	160	179	158	1,260	1,360	225,540	214,880	10.90	11.80	24,584	25,356
S. Dak .....	1	3	1	3	940	1,180	940	3,540	10.80	12.50	102	443
Tex .....	1	1	1	1	1,500	1,100	1,500	1,100	12.50	13.00	188	143
U.S. ....	242	224	239	219	1,315	1,356	314,400	297,040	10.80	12.10	33,948	36,020
Total												
Minn .....	710	1,400	698	1,347	1,536	1,389	1,072,020	1,870,620	11.50	8.83	123,404	165,181
N. Dak .....	1,920	3,460	1,910	3,378	1,351	1,360	2,579,700	4,594,080	10.40	8.89	269,417	408,536
S. Dak .....	165	620	160	615	1,119	1,230	179,020	756,300	10.30	8.27	18,444	62,546
Tex .....	45	75	30	70	727	1,208	21,800	84,590	10.40	10.60	2,259	8,993
U.S. ....	2,840	5,555	2,798	5,410	1,377	1,350	3,852,540	7,305,590	10.70	8.83	413,524	645,256

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 192.—Peppermint oil: Area, yield, production, and value, United States, 1962-79

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1962	42.0	41.7	57	2,382	5.04	12,010
1963	43.8	43.4	55	2,387	4.74	11,305
1964	46.1	45.8	56	2,552	4.64	11,836
1965	46.8	43.7	61	2,667	5.46	14,575
1966	59.2	58.3	56	3,291	5.56	18,300
1967	65.7	64.8	71	4,599	5.55	25,518
1968	75.5	74.6	55	4,137	5.17	21,387
1969	81.2	80.4	59	4,750	4.83	22,943
1970	79.0	78.4	64	5,007	3.68	18,438
1971	65.5	64.7	58	3,746	4.10	15,377
1972	61.4	57.1	53	3,004	5.25	15,765
1973	59.6	58.7	54	3,173	7.89	25,036
1974	61.8	61.0	54	3,302	13.80	45,696
1975	( <sup>1</sup> )	68.1	55	3,753	12.60	47,120
1976	.....	72.2	51	3,700	14.80	54,702
1977	.....	86.9	51	4,409	14.30	63,209
1978	.....	100.0	57	5,728	10.60	60,962
1979	.....	94.9	54	5,149	9.90	50,950

<sup>1</sup> Estimates discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 193.—Spearmint oil: Area, yield, production, and value, United States, 1962-79

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1962	21.2	21.1	53	1,123	2.83	3,183
1963	13.0	12.4	57	707	3.06	2,166
1964	9.7	9.5	51	489	3.68	1,799
1965	10.8	10.4	55	570	4.99	2,847
1966	16.8	16.6	63	1,050	5.73	6,012
1967	21.3	21.1	77	1,632	5.50	8,971
1968	24.8	24.3	58	1,414	5.70	8,059
1969	33.8	33.3	59	1,980	5.12	10,134
1970	33.2	32.6	65	2,126	4.64	9,875
1971	31.5	30.9	65	2,008	4.18	8,403
1972	25.6	24.6	61	1,511	5.14	7,766
1973	25.4	25.0	54	1,351	8.22	11,104
1974	26.9	26.4	55	1,463	10.70	15,666
1975	( <sup>1</sup> )	28.0	64	1,778	10.40	18,461
1976	.....	29.0	58	1,686	12.30	20,778
1977	.....	37.1	63	2,329	12.40	28,947
1978	.....	46.1	70	3,244	7.46	24,200
1979	.....	33.4	57	1,894	8.78	16,620

<sup>1</sup> Estimates discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 194.—Mint Oil: Production and value, by States, 1977-79

State	Production			Price per pound			Value of production		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Peppermint:									
Idaho .....	356	670	502	13.50	7.20	8.65	4,806	4,824	4,342
Ind .....	216	347	302	16.40	14.00	14.00	3,542	4,858	4,228
Oreg .....	2,805	3,305	3,190	14.30	11.00	9.50	40,112	36,366	30,305
Wash .....	794	1,126	840	13.60	9.90	9.20	10,798	11,147	7,728
Wis .....	238	279	315	16.60	13.50	13.80	3,951	3,767	4,347
U.S .....	4,409	5,728	5,149	14.30	10.60	9.90	63,209	60,962	50,950
Spearmint:									
Idaho .....	273	403	248	14.50	7.00	8.00	3,959	2,821	1,984
Ind .....	165	194	186	16.90	12.50	11.00	2,789	2,425	2,046
Mich .....	79	104	118	16.50	12.60	12.50	1,304	1,310	1,475
Wash .....	1,705	2,402	1,157	11.10	6.70	8.20	18,926	16,093	9,487
Wis .....	107	141	185	18.40	11.00	8.80	1,969	1,551	1,628
U.S .....	2,329	3,244	1,894	12.40	7.46	8.78	28,947	24,200	16,620

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 187

<sup>1</sup>For soybeans, year begins Sept. 1; for soybean oil and oilseed cake and meal, year begins Oct. 1.<sup>2</sup>Preliminary.<sup>3</sup>Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census.<sup>4</sup>Includes quantities exported to countries not shown.<sup>5</sup>Total may not add due to rounding.<sup>6</sup>Includes 397,403 metric tons, 598,426 metric tons, and 466,122 metric tons transhipped via Canada to unidentified countries in 1976, 1977, and 1978 respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 195.—Olive oil:<sup>1</sup> Production in specified countries and the world, 1976-79

Country	1976	1977	1978	1979 <sup>2</sup>	Country	1976	1977	1978	1979 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe:					Africa:				
France .....	2	2	2	2	Algeria .....	17	16	5	14
Greece .....	257	224	231	234	Morocco .....	38	30	15	14
Italy .....	633	301	689	415	Tunisia .....	180	85	125	70
Portugal .....	49	36	30	33	Libya .....	15	8	4	5
Spain .....	455	390	350	500	Total .....	250	139	149	103
Yugoslavia .....	2	2	2	1	Argentina .....	12	17	10	15
Total .....	1,398	955	1,304	1,185	Other countries .....	5	7	7	7
Middle East:					World total .....	1,806	1,333	1,582	1,538
Israel .....	1	1	1	1					
Jordan .....	5	2	7	2					
Syria .....	33	56	38	56					
Lebanon .....	6	6	6	9					
Turkey .....	96	150	60	160					
Total .....	141	215	112	228					

<sup>1</sup> Production in marketing year beginning Nov. 1; excludes residue oil.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 196.—Margarine, actual weight: Supply and disposition, United States, 1965-79

Year	Supply			Disposition			
	Production	Stocks, Jan. 1	Total supply	Exports and shipments	Domestic disappearance		
					Military	Civilian	
						Total	Per capita
	Millions pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1965 .....	1,904	48	1,952	8	11	1,891	9.9
1966 .....	2,110	42	2,152	14	46	2,038	10.5
1967 .....	2,114	53	2,167	15	47	2,046	10.5
1968 .....	2,141	60	2,201	10	12	2,130	10.8
1969 .....	2,182	49	2,231	12	13	2,154	10.8
1970 .....	2,230	52	2,282	13	2	2,223	11.0
1971 .....	2,290	46	2,336	13	1	2,264	11.1
1972 .....	2,364	57	2,421	13	1	2,338	11.3
1973 .....	2,359	69	2,428	13	4	2,350	11.3
1974 .....	2,398	61	2,459	15	9	2,371	11.3
1975 .....	2,399	64	2,463	17	11	2,375	11.2
1976 .....	2,628	60	2,688	20	6	2,595	12.2
1977 .....	2,535	67	2,602	20	7	2,495	11.6
1978 .....	2,520	80	2,600	31	8	2,492	11.5
1979 <sup>1</sup> .....	2,553	70	2,623	25	10	2,508	11.6

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Totals and per capita estimates computed from unrounded numbers.

Table 197.—Margarine: Fats and oils used in manufacture, United States 1965-79

year	Vegetable oils							Animal fats and oils		Total
	Soybean oil	Cotton-seed oil	Peanut oil	Corn-oil	Coconut oil	Safflower oil	Other	Lard	Beef fats	
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1965 .....	1,112	114	4	161	5	10	14	100	14	1,535
1966 .....	1,294	106	6	157	12	46	1	82	5	1,710
1967 .....	1,249	78	5	176	15	42	4	125	10	1,703
1968 .....	1,240	70	4	179	14	42	3	153	15	1,720
1969 .....	1,332	76	3	172	15	44	3	86	13	1,744
1970 .....	1,410	68	.....	185	10	22	1	90	8	1,794
1971 .....	1,385	63	.....	186	7	19	2	159	10	1,831
1972 .....	1,461	65	.....	194	6	20	2	128	10	1,886
1973 .....	1,491	63	.....	213	4	32	8	72	8	1,891
1974 .....	1,457	58	.....	188	9	16	9	160	7	1,904
1975 .....	1,568	46	1	188	20	7	38	45	7	1,920
1976 .....	1,671	51	38	218	4	10	58	37	7	2,094
1977 .....	1,584	44	15	243	5	8	48	73	7	2,027
1978 .....	1,593	42	.....	211	7	10	27	77	6	1,973
1979 <sup>1</sup> .....	1,643	25	.....	222	4	5	12	76	10	1,997

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 198.—Shortening: Supply and disposition, United States, 1965-79

Year	Supply			Disposition				
	Factory and warehouse stocks, Jan. 1	Production	Total supply <sup>1</sup>	Exports	Shipments to U.S. Territories <sup>2</sup>	Domestic disappearance		
						Military	Civilian	Civilian per person
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1965 .....	121	2,792	2,913	40	5	57	2,695	14.0
1966 .....	117	3,181	3,298	30	12	59	3,079	15.9
1967 .....	119	3,226	3,345	28	11	58	3,108	15.9
1968 .....	139	3,312	3,451	34	10	53	3,211	16.3
1969 .....	143	3,481	3,624	23	9	54	3,398	17.1
1970 .....	139	3,588	3,727	25	12	60	3,496	17.3
1971 .....	128	3,515	3,643	20	10	61	3,429	16.8
1972 .....	128	3,731	3,859	24	9	48	3,651	17.7
1973 .....	127	3,636	3,763	25	10	20	3,593	17.3
1974 .....	115	3,703	3,818	53	8	51	3,572	17.0
1975 .....	134	3,713	3,847	43	13	5	3,661	17.3
1976 .....	125	3,929	4,054	51	14	3	3,858	18.1
1977 .....	128	3,843	3,971	46	14	10	3,787	17.6
1978 .....	113	4,015	4,128	34	15	10	3,972	18.4
1979 <sup>3</sup> .....	107	4,275	4,382	47	15	.....	4,200	19.2

<sup>1</sup> Includes imports, which are negligible.<sup>2</sup> Shipments to Puerto Rico and Virgin Islands only.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the Commerce and Agriculture Departments.



Table 199.—Shortening: Fats and oils used in manufacture, United States, 1965-79

Year	Vegetable oils							Animal fats		Total primary and secondary fats and oils
	Cotton-seed oil	Soybean oil	Coconut oil	Peanut oil	Corn oil	Palm oil	Other	Lard	Beef fats	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1965 .....	403	1,471	20	3	8	13	6	456	388	2,768
1966 .....	370	1,734	38	14	8	38	8	491	491	3,192
1967 .....	273	1,741	40	24	12	61	10	576	506	3,243
1968 .....	248	1,842	41	21	10	72	4	601	487	3,326
1969 .....	248	2,101	47	16	13	110	13	475	483	3,505
1970 .....	276	2,182	45	16	12	90	7	430	522	3,580
1971 .....	168	2,047	56	15	5	171	11	520	517	3,510
1972 .....	189	2,163	82	16	.....	285	20	441	495	3,691
1973 .....	199	2,268	86	16	5	333	29	341	442	3,719
1974 .....	194	2,177	61	21	7	304	35	317	501	3,617
1975 .....	154	2,025	106	11	5	758	69	165	458	3,751
1976 .....	128	2,323	128	38	4	516	8	156	453	3,754
1977 .....	160	2,279	78	22	4	416	9	185	548	3,700
1978 .....	188	2,479	75	16	3	220	4	209	765	3,959
1979 <sup>1</sup> .....	168	2,680	93	13	6	222	3	319	713	4,217

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 200.—Food fats and oils (including fat content of butter): Supply and disposition, United States, 1965-79<sup>1</sup>

Year	Stocks Jan 1	Production <sup>2</sup>	Imports	Food uses of other fats and oils <sup>3</sup>	Total supply	Exports <sup>2,4</sup>	Nonfood use	Net domestic disappearance of fats and oils for foods <sup>5</sup>	
								Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million Pounds
1965 .....	1,497	14,267	49	347	16,160	5,205	621	9,294	47.8
1966 .....	1,041	14,504	65	488	16,098	4,273	685	9,777	49.7
1967 .....	1,363	14,546	78	587	16,574	4,579	635	9,777	49.4
1968 .....	1,583	14,924	91	552	17,150	4,794	680	10,252	51.2
1969 .....	1,423	15,817	69	623	17,932	5,417	661	10,461	51.9
1970 .....	1,524	18,518	887	.....	20,929	7,399	1,138	10,808	53.0
1971 .....	1,584	18,264	1,007	.....	20,855	7,591	839	10,762	52.2
1972 .....	1,663	18,153	1,281	.....	21,097	7,206	775	11,288	54.3
1973 .....	1,828	17,806	1,313	.....	20,947	7,494	704	11,337	54.3
1974 .....	1,412	19,392	1,160	.....	21,964	8,478	736	11,243	53.2
1975 .....	1,507	17,272	2,047	.....	20,826	7,113	750	11,311	53.4
1976 .....	1,652	20,301	2,202	.....	24,155	8,503	1,195	11,948	56.0
1977 .....	2,509	20,043	1,759	.....	24,311	9,890	1,195	11,732	54.0
1978 .....	1,494	24,084	1,544	.....	27,122	11,755	1,395	12,179	56.6
1979 <sup>6</sup> .....	1,793	25,600	1,302	.....	28,695	12,590	1,500	12,575	57.6

<sup>1</sup> Includes butter (fat content), lard, and beef fats; cottonseed, peanut, soybean, corn, and olive oils; and minor oils such as sesame. Stocks and exports also include margarine, shortening, vegetable stearine, and secondary edible oils.

<sup>2</sup> Production and exports also include oil equivalent of exported soybeans, cottonseed, and peanuts for crushing abroad.

<sup>3</sup> Chiefly coconut, palm kernel oil, and palm oil.

<sup>4</sup> Includes shipments to U.S. Territories.

<sup>5</sup> In some years disappearance cannot be computed from data contained in this table as adjustments have been made because additional items have been incorporated in stock data.

<sup>6</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the Commerce and Agriculture Departments. Total and per capita estimates computed from unrounded numbers.

Table 201.—Total fats and oils (including fat content of butter): Supply, disposition, and utilization, United States, 1965-78

Year	Supply				Disposition	
	Production from domestic materials <sup>1</sup>	Imports and production from imported materials	Stocks Jan. 1	Total	Exports <sup>1,2</sup>	Domestic disappearance
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1965 .....	20,532	1,189	2,721	24,442	7,481	14,538
1966 .....	21,013	1,359	2,445	24,817	6,725	15,312
1967 .....	21,004	1,316	2,794	25,114	7,248	15,145
1968 .....	21,496	1,398	2,668	25,562	7,354	15,698
1969 .....	22,431	1,411	2,405	26,247	7,613	16,393
1970 .....	25,012	1,363	2,286	28,661	10,150	16,119
1971 .....	25,426	1,204	2,892	29,022	10,709	15,770
1972 .....	25,347	1,459	2,543	29,349	10,465	16,340
1973 .....	24,586	1,487	2,544	28,617	10,482	16,230
1974 .....	26,824	1,389	1,905	30,118	11,768	16,374
1975 .....	23,609	2,203	1,976	27,788	9,592	16,115
1976 .....	27,798	2,422	2,081	32,301	11,579	17,689
1977 .....	27,568	1,962	3,092	32,622	12,869	17,315
1978 <sup>4</sup> .....	30,555	1,844	2,302	34,701	14,824	17,338

  

Year	Utilization (not adjusted for trade and change in stocks of shortening, margarine, soap, and secondaries)									
	Food uses						Nonfood uses			
	Butter (fat content)	Lard (direct)	Shortening	Margarine (fat content)	Other	Total	Soap <sup>3</sup>	Drying-oil products	Other industrial	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1965 .....	1,040	1,226	2,768	1,534	2,949	9,517	746	909	3,347	5,002
1966 .....	911	1,076	3,190	1,710	2,915	9,802	731	923	3,842	5,496
1967 .....	887	1,056	3,243	1,703	3,012	9,901	718	859	3,855	5,432
1968 .....	957	1,108	3,326	1,720	3,149	10,260	703	868	3,846	5,417
1969 .....	908	1,012	3,505	1,744	3,620	10,789	706	738	4,169	5,613
1970 .....	890	940	3,556	1,787	3,635	10,808	759	604	3,778	5,141
1971 .....	860	881	3,490	1,811	3,720	10,762	745	631	3,724	5,100
1972 .....	837	787	3,698	1,864	4,102	11,288	811	570	3,925	5,305
1973 .....	812	705	3,614	1,884	4,322	11,337	728	686	3,743	5,158
1974 .....	776	681	3,622	1,891	4,271	11,241	787	563	4,102	5,451
1975 .....	821	632	3,666	1,907	4,298	11,325	808	429	3,777	5,015
1976 .....	758	585	3,861	2,069	4,689	11,961	944	547	4,220	5,711
1977 .....	761	511	3,698	2,001	4,629	11,600	957	543	4,142	5,642
1978 <sup>4</sup> .....	783	502	3,959	1,953	4,527	11,724	887	637	3,574	5,098

<sup>1</sup>Includes oil equivalent of cottonseed, soybeans, peanuts, and flaxseed exported for crushing abroad.<sup>2</sup>Includes commercial exports, voluntary or civilian relief, re-exports, and shipments to U.S. Territories.<sup>3</sup>Excludes an estimate of oil equivalent of soap used in synthetic rubber. This use is included in "Other industrial."<sup>4</sup>Last year of data. No longer available.

Economics, Statistics, and Cooperatives Service—Economics. Computed from reports of the Commerce, Interior, and Agriculture Departments. Total computed from unrounded numbers.

Table 202.—Fats, oils, and oilseeds (fat or oil equivalent): World production and exports, 1976-79

Commodity	World production <sup>1</sup>				World exports		
	1976	1977	1978	1979 <sup>2</sup>	1976	1977	1978 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Edible vegetable oils:							
Cottonseed .....	2,767	2,907	3,195	3,015	325	406	414
Peanut .....	3,584	3,192	3,136	3,427	960	891	700
Soybean .....	10,168	9,142	11,283	12,129	4,505	4,825	5,667
Sunflower .....	3,669	3,737	4,717	4,632	707	895	1,314
Rapeseed .....	2,964	2,516	2,693	3,666	849	962	987
Sesame .....	630	598	648	661	108	96	98
Safflower .....	329	211	254	322	4	13	21
Olive <sup>3</sup> .....	1,806	1,333	1,582	1,538	4142	494	4130
Corn .....	408	410	436	445	82	97	113
Total .....	26,335	24,046	27,944	29,885	7,682	8,279	9,444
Palm oils: <sup>5</sup>							
Coconut .....	3,393	3,044	3,148	2,986	1,735	1,444	1,580
Palm kernel .....	506	548	569	608	402	319	317
Palm .....	3,062	3,353	3,578	4,109	1,927	1,979	2,044
Babassu kernel <sup>6</sup> .....	122	132	140	132	1	4	9
Total .....	7,083	7,077	7,435	7,835	4,065	3,746	3,950
Industrial oils:							
Linseed .....	737	686	918	756	287	367	514
Castor .....	301	333	395	377	224	182	221
Oilseeds .....	15	14	14	14	1	2	10
Tung .....	111	100	98	105	52	35	30
Olive residue <sup>7</sup> .....	186	153	171	139	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Total .....	1,350	1,286	1,596	1,391	564	586	775
Animal fats:							
Butter (fat content) .....	4,800	4,944	4,987	5,105	803	837	843
Lard <sup>9</sup> .....	3,380	3,556	3,663	3,686	508	664	581
Tallow and grease <sup>10</sup> .....	5,471	5,815	5,866	5,878	1,953	2,243	2,216
Total .....	13,651	14,315	14,516	14,669	3,264	3,744	3,640
Marine oils:							
Whale .....	15	13	10	10	12	11	5
Sperm whale .....	76	61	53	50	21	18	16
Fish (including liver) .....	983	980	1,021	1,011	519	539	633
Total .....	1,074	1,054	1,084	1,071	552	568	654
Total all commodities .....	49,493	47,778	52,575	54,801	16,127	16,923	18,463

<sup>1</sup> Years indicated are those in which the predominant share of the given oil or fat was produced from its related raw material.

<sup>2</sup> Preliminary.

<sup>3</sup> Excludes olive residue oil.

<sup>4</sup> Net exports.

<sup>5</sup> Production estimated on the basis of exports and information available on consumption in the various producing areas.

<sup>6</sup> Mill production only.

<sup>7</sup> Includes quantities of refined oil for edible purposes.

<sup>8</sup> Not separately classified.

<sup>9</sup> Production relates to rendered lard only in most countries.

<sup>10</sup> Export series revised; figures include edible and inedible tallow and grease. Excludes animal oils.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 203.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1965–79

Year beginning January	Lard	Inedible animal tallow, greases, and oils <sup>1</sup>	Oilseeds and nuts				
			Cotton- seed	Flaxseed	Peanuts unshelled	Peanuts shelled	Soybeans
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1965 .....	113,807	964,500	4,813	99,688	1,776	78,205	6,195,887
1966 .....	71,487	894,500	8,708	169,237	1,083	59,458	6,751,382
1967 .....	85,540	1,007,325	4,161	153,151	335	80,896	7,169,055
1968 .....	79,501	1,013,317	3,099	258,520	146	56,964	8,014,378
1969 .....	118,776	859,441	6,639	207,536	363	28,256	8,468,920
1970 .....	165,980	1,016,407	22,084	74,330	1,125	54,099	11,954,519
1971 .....	128,045	1,182,051	32,716	10,731	3,522	109,200	11,538,463
1972 .....	74,565	1,065,650	3,089	268,168	15,408	181,055	11,995,712
1973 .....	51,414	1,041,934	11,952	10,627	11,018	183,393	13,220,591
1974 .....	73,204	1,188,267	44,277	9,296	24,060	240,307	13,939,781
1975 .....	39,791	911,255	6,770	27,138	11,907	235,059	12,496,246
1976 .....	81,901	1,057,206	64,810	10,401	7,393	128,931	15,332,100
1977 .....	82,569	1,308,793	14,727	23,812	14,778	299,331	16,195,496
1978 .....	54,237	1,218,743	42,908	2,392	40,117	354,735	20,704,536
1979 <sup>2</sup> .....	43,507	1,282,858	7,473	3,590	38,053	347,699	20,888,015

  

Year beginning January	Vegetable oils							Oilseed cake and meal	
	Cocoa butter	Coconut oil	Cotton- seed oil <sup>3</sup>	Linseed oil	Marga- rine	Peanut oil	Soybean oil <sup>3</sup>	Soybean	Other
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1965 .....	76	1,105	256,200	18,931	1,330	27,726	553,173	1,968,788	242,648
1966 .....	183	2,414	83,776	57,200	1,998	4,047	398,776	2,271,260	193,852
1967 .....	125	1,882	33,521	20,577	2,255	2,695	514,671	2,464,990	123,788
1968 .....	147	2,061	27,013	49,797	1,408	1,395	434,206	2,698,022	149,152
1969 .....	217	2,541	118,251	17,398	1,713	15,206	403,068	2,995,703	141,688
1970 .....	1,139	4,339	169,588	21,895	1,955	14,529	681,182	3,660,321	136,924
1971 .....	937	6,658	181,783	21,133	1,374	38,572	242,976	4,086,365	198,674
1972 .....	834	4,364	215,780	84,814	1,723	27,533	594,562	3,615,238	233,945
1973 .....	1,154	4,611	247,675	96,442	1,426	47,029	438,827	4,414,665	342,274
1974 .....	834	2,754	276,673	52,940	1,884	20,786	762,094	4,909,653	241,131
1975 .....	405	2,570	297,861	39,542	2,152	12,154	356,338	3,782,824	165,672
1976 .....	443	19,890	236,293	9,477	2,893	47,821	510,007	4,862,126	179,298
1977 .....	1,130	7,342	331,758	11,570	3,063	45,065	773,791	4,133,659	159,010
1978 .....	240	5,230	330,765	24,687	3,430	40,339	929,232	5,914,130	338,577
1979 <sup>2</sup> .....	233	4,396	287,130	11,379	3,367	4,870	1,129,334	6,086,715	354,375

<sup>1</sup> Includes tallow and grease (except wool grease) and choice white grease; lard and tallow oil; lard, oleo, and tallow stearine; unrendered animal fats, and animal fats and oils, N.E.C.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes shipments under P.L. 480 as reported by the Bureau of the Census.

Foreign Agricultural Service. Compiled from reports of the Commerce and Agriculture Departments.



Table 204.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1965-79

Year beginning January	Oilseeds					
	Castor beans	Copra	Flaxseed	Peanuts unshelled	Peanuts shelled <sup>1</sup>	Poppy seed
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1965 .....	513	278,933	4	338	213	2,824
1966 .....	857	243,293	0	706	337	3,108
1967 .....	9	276,646	67	775	204	3,023
1968 .....	4	291,836	17	357	377	3,662
1969 .....	6	272,215	11	64	145	2,461
1970 .....	3	197,631	35	127	98	2,990
1971 .....	5	190,351	1,876	746	86	2,287
1972 .....	5	208,980	11	825	448	3,511
1973 .....	4	198,566	134	17	205	2,451
1974 .....	4	26,623	13,123	70	175	1,856
1975 .....	5	0	3,497	10	241	7,002
1976 .....	3	0	32,921	210	69	2,539
1977 .....	0	2	38,216	199	49	4,172
1978 .....	0	4	28,408	168	64	2,685
1979 <sup>2</sup> .....	3	419	54,325	168	47	2,364

  

Year beginning January	Oilseeds—Continued			Vegetable oils			
	Rapeseed	Sesame seed	Soybeans	Cocoa butter	Castor oil	Coconut oil	Linseed oil
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1965 .....	555	11,563	6	7,935	58,730	180,021	19
1966 .....	280	12,792	15	9,631	47,229	226,212	15
1967 .....	354	16,263	24	10,507	44,062	228,522	5
1968 .....	955	15,419	7	9,051	48,086	197,027	7
1969 .....	630	17,608	4	6,557	64,437	193,902	2
1970 .....	240	19,351	28	15,343	48,293	269,753	1
1971 .....	206	20,612	25	15,637	34,689	285,148	14
1972 .....	524	21,419	61	20,980	44,240	307,073	1
1973 .....	15	23,952	310	15,198	45,962	326,703	155
1974 .....	59	25,973	34	16,688	55,665	245,969	17
1975 .....	4,625	20,248	41	15,515	31,130	394,207	39
1976 .....	2,412	28,649	54	23,083	53,613	552,007	3
1977 .....	205	28,357	105	17,730	50,452	456,639	19
1978 .....	415	32,000	69	24,638	51,947	463,803	15
1979 <sup>2</sup> .....	509	32,099	269	30,839	48,676	444,432	9

  

Year beginning January	Vegetable oils—Continued						Total oilseed cake and meal
	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Rapeseed oil	Tung oil	
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1965 .....	20,608	2,974	37,693	1	1,991	10,553	40,224
1966 .....	22,417	34,422	49,605	2	3,398	13,777	60,334
1967 .....	25,963	29,149	47,365	2	3,893	9,042	63,313
1968 .....	29,110	46,852	54,722	15	4,388	7,565	40,853
1969 .....	26,293	72,404	45,097	9	4,269	10,190	23,835
1970 .....	28,499	63,897	37,438	20	3,287	8,234	7,835
1971 .....	28,079	102,913	43,432	12	5,018	10,088	4,717
1972 .....	30,594	195,551	45,823	10	5,172	9,797	15,040
1973 .....	27,296	176,994	45,681	14	6,334	9,886	22,423
1974 .....	24,364	186,626	66,129	504	7,696	9,542	18,779
1975 .....	21,634	436,338	73,176	323	2,624	13,637	4,302
1976 .....	28,303	351,889	63,425	528	5,511	15,653	35,232
1977 .....	24,633	249,501	69,896	12	6,876	8,537	20,128
1978 .....	28,087	146,431	57,233	19	6,451	8,125	8,977
1979 <sup>2</sup> .....	27,306	141,599	76,151	24	6,381	9,089	25,263

<sup>1</sup> Includes blanched or roasted peanuts.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 205.—Inedible animal tallow, greases, and oils:<sup>1</sup> United States exports by country of destination, 1977-79

Continent and country	1977	1978	1979 <sup>2</sup>	Continent and country	1977	1978	1979 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Soviet Union .....	43,706		100,212
Canada .....	3,282	2,754	4,440	Africa:			
Dominican Republic .....	15,777	15,035	17,055	Algeria .....	34,417	39,270	39,352
El Salvador .....	20,434	19,037	23,115	Cameroon .....	3,785	3,191	3,596
Guatemala .....	8,631	6,415	8,656	Ghana .....	9,434	3,216	6,495
Haiti .....	8,738	10,595	10,809	Kenya .....	1,659	1,096	396
Honduras .....	8,789	9,722	5,970	Malagasy Republic .....	4,433	4,991	5,124
Jamaica .....	10,300	12,941	10,202	Morocco .....	10,658	8,752	9,613
Mexico .....	40,796	49,146	58,429	Nigeria .....	34,016	34,718	31,471
Nicaragua .....	7,724	4,512	5,502	Senegal .....	4,975	2,995	1,476
Trinidad and Tobago .....	3,862	1,885	3,166	Egypt .....	113,396	133,465	133,821
Other countries .....	3,867	3,456	4,800	South Africa .....	11,440	16,758	41,647
Total .....	132,200	135,498	152,144	Ivory Coast .....	500	794	2,007
South America:				Other countries .....	9,278	1,274	8,128
Argentina .....	72	76	597	Total .....	237,991	250,520	283,126
Brazil .....	8,533	7	7,992	Asia:			
Chile .....	5,084	6,443	3,978	Afghanistan .....	399	607	500
Colombia .....	56,217	54,007	51,685	Bangladesh .....	11,583	822	9,594
Ecuador .....	30,559	19,347	27,746	Iran .....	18,217	18,817	7,509
Peru .....	5,245	3,747	3,080	Iraq .....	1,995	8,664	.....
Venezuela .....	14,994	25,658	17,136	China: Mainland .....	8,100	24,868	11,271
Other countries .....	3,755	2,277	7,468	Taiwan .....	13,954	30,580	20,436
Total .....	124,459	111,562	119,682	India .....	25,316	18,761	1,363
Europe:				Japan .....	100,100	84,419	87,450
Belgium and Luxembourg .....	47,541	27,778	9,540	Korea, Rep. of .....	94,822	86,735	101,673
France .....	26,168	12,618	21,865	Lebanon .....	6,500	7,925	5,779
Germany, Fed. Rep. of .....	84,008	76,921	55,239	Pakistan .....	49,644	43,853	55,231
Italy .....	23,506	6,864	2,160	Philippines .....	4,465	5,200	4,954
Netherlands .....	105,731	99,929	76,502	Singapore .....	131	161	207
United Kingdom .....	92,409	60,465	58,004	Turkey (Europe and Asia) .....	6,468	3,985	309
Greece .....	3,043	1,733	1,976	Thailand .....	109	1,226	113
Norway .....	5,746	2,815	2,269	Other countries .....	1,624	1,259	1,154
Portugal .....	19,190	6,059	10,141	Total .....	343,427	337,882	307,543
Spain .....	43,887	33,795	44,606	Oceania .....	177	36	58
Sweden .....	96	3	15	Grand total <sup>3</sup> .....	1,308,793	1,218,743	1,262,858
Switzerland .....	9,875	1,139	3,517				
Poland .....	9,320	7,721	9,946				
Other countries .....	18	1,703	4,311				
Total .....	470,538	339,543	300,091				

<sup>1</sup>Includes inedible tallow and choice white grease; inedible lard oil, tallow oil, lard stearine; and animal fats, oils, and greases, n.e.c.

<sup>2</sup>Preliminary.

<sup>3</sup>May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 206.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1965-79

Year	Supply				Disposition				Price of inedible tallow No. 1 at Chicago, per pound
	Stocks Jan. 1	Apparent production <sup>1</sup>	Imports	Total	Exports	Factory consumption			
						Total	Use in soap	Other use	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents
1965 .....	366	4,383	2	4,751	2,127	2,210	651	1,559	7.2
1966 .....	414	4,480	1	4,895	1,975	2,473	667	1,806	6.5
1967 .....	447	4,753	6	5,206	2,222	2,559	643	1,916	4.6
1968 .....	425	4,745	6	5,176	2,240	2,580	639	1,941	4.2
1969 .....	358	4,655	6	5,019	1,896	2,775	635	2,140	6.0
1970 .....	348	4,905	7	5,260	2,242	2,622	602	2,019	7.1
1971 .....	396	5,210	5	5,611	2,607	2,623	588	2,035	6.6
1972 .....	380	5,078	2	5,460	2,357	2,762	640	2,122	6.0
1973 .....	341	4,843	10	5,194	2,299	2,540	566	1,974	12.4
1974 .....	356	5,664	12	6,032	2,623	3,029	632	2,397	15.2
1975 .....	380	4,801	15	5,196	2,011	2,908	662	2,246	12.0
1976 .....	277	5,774	9	6,060	2,337	3,367	764	2,603	13.2
1977 .....	355	5,981	4	6,340	2,893	3,099	737	2,366	13.6
1978 .....	344	5,871	3	6,218	2,698	3,184	695	2,489	16.0
1979 <sup>2</sup> .....	347	5,956	3	6,306	2,795	3,117	663	2,454	18.8

<sup>1</sup>Computed from factory consumption, foreign trade, and stocks; from October 1966 through 1969, production as reported by the Bureau of the Census.

<sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Computed from unrounded numbers. Stocks, consumption, and trade from the U.S. Department of Commerce. Prices from the National Provisioner and Wall Street Journal.

Table 207.—Drying-oil industries: Fats and oils used, United States, 1965-77

Year	Linseed oil	Soybean oil	Tung oil	Fish oil	Castor oil	Oiticia oil	Other primary fats and oils	Secondary fatty materials	Tall oil	Total <sup>1</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1965	328	208	34	80	107	8	4	23	117	909
1966	310	214	33	130	89	8	1	24	114	923
1967	303	192	37	65	92	1	5	57	107	859
1968	251	193	38	122	89	11	8	47	109	868
1969	271	191	31	63	61	12	22		88	738
1970	230	169	28	25	28		49		75	604
1971	276	148	23	28	39		46		71	631
1972	206	141	31	32	54		33		73	570
1973	322	142	26	24	46		45		79	686
1974	194	172	35	27	26		42		67	563
1975	125	144	33	16	5		51		55	429
1976	170	164	35	10	39		58		71	547
1977 <sup>3</sup>	156	172	19	11	63		37		85	543

<sup>1</sup>Excludes fats and oils used in fatty acids, many of which are used in drying-oil products.

<sup>2</sup>Beginning 1969, not reported separately.

<sup>3</sup>Last year of data. No longer available.

Economics, Statistics, and Cooperatives Service—Economics. These estimates include utilization in paints, varnishes, floor coverings, printing inks, core oil resins, insulation, linings, packings, caulking compounds, oilcloth, and other coated fabrics. Compiled from reports of the Commerce and Interior Departments. Totals computed from unrounded numbers.

Table 208.—Fats and oils: Use in products for civilian consumption, United States, 1965-79

Year	Food products											
	Butter (actual weight)		Lard excluding use in margarine, shortening, and nonfood products		Margarine (actual weight)		Shortening		Edible oils <sup>1</sup>		All food products <sup>2</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1965	1,232	6.4	1,225	6.4	1,891	9.9	2,695	14.1	2,711	14.1	9,147	47.8
1966	1,099	5.7	1,071	5.5	2,038	10.5	3,079	15.9	2,929	15.1	9,615	49.7
1967	1,076	5.5	1,055	5.4	2,046	10.5	3,108	15.9	2,956	15.2	9,634	49.4
1968	1,117	5.7	1,106	5.6	2,130	10.8	3,211	16.3	3,153	16.0	10,082	51.2
1969	1,081	5.4	1,011	5.1	2,154	10.8	3,398	17.1	3,333	16.8	10,383	52.0
1970	1,061	5.3	939	4.7	2,223	11.0	3,496	17.3	3,605	18.2	10,681	53.2
1971	1,039	5.1	880	4.3	2,264	11.1	3,429	16.8	3,695	18.1	10,650	52.3
1972	1,017	4.9	787	3.8	2,338	11.3	3,650	17.7	4,084	19.7	11,204	54.1
1973	1,000	4.8	705	3.4	2,350	11.3	3,593	17.3	4,312	20.8	11,296	54.4
1974	955	4.6	681	3.2	2,370	11.3	3,571	17.0	4,258	20.3	11,168	53.3
1975	1,012	4.8	632	3.0	2,375	11.2	3,661	17.3	4,275	20.3	11,297	53.3
1976	935	4.4	568	2.7	2,595	12.2	3,859	18.1	3,966	22.0	11,923	56.0
1977	937	4.4	495	2.3	2,508	11.6	3,786	17.6	3,958	21.6	11,684	54.1
1978	963	4.5	482	2.2	2,494	11.4	3,961	18.2	4,571	22.6	12,179	55.6
1979 <sup>3</sup>	1,009	4.5	564	2.3	2,524	11.5	4,144	18.9	4,890	23.4	12,618	57.7

  

Year	Industrial products								All products		
	Soap <sup>4</sup>		Drying-oil products <sup>5</sup>		Other industrial products <sup>4</sup>		All industrial products		Weight		Per capita <sup>2</sup>
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Includ- ing actual weight of butter and mar- garine	Includ- ing only fat content of butter and mar- garine	
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1965	706	3.7	895	4.7	3,215	16.8	4,816	25.1	14,571	13,963	72.9
1966	719	3.7	908	4.7	3,703	19.1	5,329	27.6	15,253	14,988	77.5
1967	706	3.6	844	4.3	3,684	18.8	5,234	26.8	15,475	14,868	76.2
1968	689	3.5	850	4.3	3,705	18.8	5,245	26.6	15,962	15,327	77.8
1969	678	3.4	728	3.7	4,009	20.1	5,410	27.2	16,390	15,743	79.1
1970	751	3.7	598	3.0	3,740	18.6	5,089	25.2	16,414	15,771	78.2
1971	738	3.6	624	3.1	3,687	18.1	5,049	24.7	16,356	15,700	76.9
1972	802	3.9	564	2.7	3,886	18.8	5,252	25.4	17,128	16,456	79.7
1973	721	3.5	679	3.3	3,706	17.8	5,106	24.5	17,067	16,403	78.8
1974	779	3.7	558	2.7	4,061	19.4	5,397	25.7	17,232	16,560	79.0
1975	800	3.8	425	2.0	3,740	17.7	4,965	23.5	16,937	16,262	76.9
1976	935	4.4	541	2.5	4,196	19.3	5,672	26.6	17,595	17,612	82.6
1977	953	4.4	604	2.8	4,396	20.6	5,953	27.5	17,647	17,647	81.4
1978	887	4.1	703	3.2	4,836	22.1	6,426	29.4	18,605	18,603	85.0
1979 <sup>3</sup>	861	3.9	479	1.7	4,820	22.1	6,160	28.2	18,735	18,778	85.9

<sup>1</sup>Mainly salad and cooking oils. Includes all food fats and oils used other than butter, lard, margarine, or shortening.

<sup>2</sup>Including only the fat content of butter, estimated at 80.5 percent of total weight, and of margarine for which the fat content varies slightly each year.

<sup>3</sup>Preliminary.

<sup>4</sup>Fat equivalent of soap used in synthetic rubber is included with "Other industrial products."

<sup>5</sup>Paints, varnishes, floor coverings, oilcloth, printing inks, core oils, synthetic resins, insulation, linings, packings, coated fabrics (other than oilcloth), caulking and other protective coatings.

Economics, Statistics, and Cooperatives Service—Economics. Computed from reports of the Commerce, Interior, and Agriculture Departments. Totals and per capita estimates computed from unrounded numbers.



Table 209.—Fats and oils: Wholesale price per pound, 1967 and 1976-79

Item and market	1967	1976	1977	1978	1979 <sup>1</sup>
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Butter, creamery, Grade A, (92-score) bulk, New York .....	67.7	95.2	101.9	115.4	128.5
Butter, creamery, Grade B, (91 & 93-score) bulk, Chicago .....	66.8	91.2	99.0	107.5	123.0
Butter, creamery, Grade A, (92-score) prints, San Francisco .....	79.8	109.9	113.4	127.8	144.5
Coconut oil, crude, tank cars, Pacific Coast mills .....	13.5	20.3	27.8	34.1	48.5
Coconut oil, refined, tanks, New York .....	.....	25.2	33.0	37.0	39.6
Corn oil, refined, tanks, New York .....	15.4	30.9	36.6	43.3	37.9
Corn oil, crude, tank cars, f.o.b. midwestern mills .....	12.4	25.8	30.7	36.0	32.4
Cottonseed oil, crude, tank cars, f.o.b. southeastern mills .....	11.8	23.9	24.3	25.9	30.7
Cottonseed oil, crude, tank cars, f.o.b. Mississippi Valley .....	11.8	23.3	24.5	27.2	31.6
Cottonseed oil, refined, tanks, New York .....	14.5	29.7	30.5	33.7	37.9
Degras, lanolin, technical, drums, New York .....	22.0	96.8	64.0	64.0	64.0
Grease, A white, tank cars, delivered Chicago .....	5.5	14.9	17.1	19.1	21.9
Grease, Yellow, tank cars, delivered Chicago .....	4.6	13.1	13.5	15.8	18.9
Lard, loose, tank cars, Chicago .....	7.8	17.8	21.3	23.2	28.2
Lard, prime steam, tierces, Chicago .....	7.8	18.0	20.9	23.3	25.1
Lard, refined, 1-pound and 2-pound prints, Chicago .....	13.6	24.3	34.3	34.0	37.7
Linseed oil, raw, tank cars, Minneapolis .....	12.9	27.0	25.5	24.2	28.7
Linseed oil, raw, tanks, New York .....	14.0	28.7	30.0	24.6	31.6
Margarine, colored, delivered Eastern United States .....	25.7	44.3	47.7	52.9	55.0
Margarine, yellow quarters, f.o.b. Chicago .....	25.8	31.4	39.1	39.8	41.5
Margarine, white, domestic vegetable, Chicago .....	22.8	31.4	39.1	43.5	50.3
Menhaden oil, light pressed, tanks, New York .....	10.7	18.2	20.5	22.0	24.4
Oiticica oil, drums, f.o.b. New York .....	19.0	33.3	74.2	75.8	61.1
Oiticica oil, tanks, New York .....	17.0	35.3	75.6	70.7	55.9
Olive oil, imported, edible, drums, New York .....	38.1	97.8	86.7	85.4	83.3
Palm oil, clarified, tank wagon, f.o.b. New York .....	12.6	17.9	26.7	30.7	31.0
Peanut oil, crude, tank cars, f.o.b. southeastern mills .....	14.4	31.5	29.8	42.3	37.0
Peanut oil, refined, tanks, New York .....	11.9	36.6	36.3	47.8	44.6
Rapeseed oil, refined (denatured), tanks, New York .....	15.2	43.5	39.0	39.0	39.0
Safflower oil, nonbreak tanks, East Coast .....	14.6	46.2	.....	.....	.....
Sesame oil, refined, drums, New York .....	39.2	77.9	87.5	87.5	125.3
Shortening, all vegetable, hydrogenated, 440-lb. drums, New York .....	20.7	36.2	38.9	40.9	44.9
Shortening, all vegetable, hydrogenated, 3-lb. tins, delivered Eastern United States .....	26.5	45.9	54.7	59.3	65.8
Soybean oil, crude, tank cars, f.o.b. midwestern mills .....	9.6	18.8	23.8	25.7	27.7
Soybean oil, refined, tanks, New York .....	11.8	24.1	29.0	31.4	32.7
Tall oil, crude, tanks, works .....	3.1	5.9	7.0	7.6	7.8
Tallow, edible, loose, Chicago .....	7.5	16.5	21.2	22.8	26.2
Tallow, inedible, packers' prime, tank cars, c.a.f. Chicago .....	5.1	14.3	16.1	18.2	21.6
Tallow, No. 1, inedible, Chicago .....	4.6	13.2	13.6	16.0	18.8
Tung oil, imported, drums, caskets, f.o.b. New York .....	16.5	48.7	108.3	91.5	64.2
Tung oil, imported, tanks, New York .....	14.4	43.0	111.1	117.1	118.5

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from the Chemical Marketing Reporter, the National Provisioner, The Journal of Commerce (New York), Wall Street Journal, and the U.S. Department of Labor. Excise taxes and duties are included where applicable.

**Table 210.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1965-79**  
[1967 = 100]

Year	Sixteen items, excluding butter	Seventeen major fats and oils											
		All items	Classified by origin			Classified by use							
			Animal	Vegetable		Edible				Industrial			
				Domestic origin	Foreign origin	Butter	Lard	Other	All edible	Soap fats	Drying oils	Other uses	All industrial
1965	129.5	112.7	112.5	111.5	109.0	90.5	149.3	115.4	105.5	142.9	109.4	122.8	136.8
1966	126.3	115.3	115.1	119.6	92.6	100.3	142.9	121.5	113.9	128.4	106.8	112.4	124.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	90.9	94.4	94.6	93.1	118.5	100.1	79.5	93.6	95.6	90.9	94.4	102.2	91.3
1969	104.2	103.1	110.4	92.6	102.5	101.0	123.6	94.9	101.2	111.0	91.3	104.1	108.0
1970	129.4	119.7	122.2	118.5	127.3	103.9	148.8	122.5	115.7	135.5	102.4	127.2	130.6
1971	130.7	119.9	118.2	125.8	108.0	102.3	137.4	123.6	116.4	135.2	95.2	199.9	129.2
1972	114.4	110.0	114.0	106.4	88.1	103.0	132.7	109.1	108.8	115.9	94.3	104.7	112.6
1973	208.2	168.9	167.8	171.4	188.8	97.1	253.3	178.8	150.3	229.4	168.2	207.5	220.1
1974	322.8	238.5	203.2	294.6	386.8	99.6	365.7	295.0	204.2	340.5	322.2	322.9	333.5
1975	262.3	207.8	200.2	219.5	166.7	118.0	368.3	215.0	189.2	257.2	270.4	217.0	258.8
1976	261.1	226.7	191.7	161.6	169.8	138.6	228.2	166.3	161.8	254.9	186.5	188.9	244.8
1977	306.6	263.7	219.4	191.1	228.1	147.4	271.7	202.5	191.0	283.4	194.8	244.1	268.2
1978	337.0	290.5	245.9	205.0	267.5	165.5	296.5	219.7	209.9	323.3	176.8	291.1	298.0
1979 <sup>1</sup>	372.3	327.6	282.0	223.9	372.5	190.7	327.0	231.4	255.3	390.9	219.8	291.5	361.3

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 211.—Soap: Fats, oils, and tall oil used in manufacture, United States, 1965-79**

Year	Inedible tallow and greases	Coconut oil	Secondary fats and oils <sup>1</sup>	Tall oil	Total saponifiable materials	Year	Inedible tallow and greases	Coconut oil	Secondary fats and oils <sup>1</sup>	Tall oil	Total saponifiable materials
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds		Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1965	651	145	16	9	820	1973	566	181	10	3	760
1966	667	150	13	9	839	1974	632	167	9	3	811
1967	643	146	17	8	813	1975	662	163	9	2	836
1968	639	154	10	9	812	1976	764	194	15	3	976
1969	635	150	8	4	796	1977	737	198	14	7	957
1970	602	164	12	1	779	1978	694	184	6	3	887
1971	588	166	6	3	763	1979 <sup>2</sup>	663	190	7	3	863
1972	640	180	7	3	830						

<sup>1</sup> Includes beef fats, vegetable tallow, and babassu.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Fats, oils, and tall oil compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

## CHAPTER IV

# STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweetpotatoes, and commercial vegetables and melons.

For potatoes and sweetpotatoes, the estimates of area, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, spring, summer, and fall crops, by States. Some States have production in more than one seasonal group.

For processing vegetables, the estimates of area, production, and value for each of the 9 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual area harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made is included in the fresh market estimates. However, with the vegetable program modifications implemented in 1973, the processed segment of production for asparagus, broccoli, carrots, and cauliflower is published at the end of the season. Annual production, price, and value estimates for the portion processed are published beginning with 1969.

### Seasonal Groups and Marketing Period

Winter: January, February, March  
Spring: April, May, June

Summer: July, August, September  
Fall: October, November, December

The seasonal patterns of harvest do not correspond precisely in all States to the quarterly estimating period or periods designated. In some cases, only one seasonal group is shown for a State, but marketing may be active in earlier or later months. Because of the small volume from this earlier or later area, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Beginning in 1968, commercial vegetables for fresh market include 22 principal vegetables and melon crops in the major producing States. Earlier years include the following three additional crops: Lima beans, beets, and green peas. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of artichokes, brussels sprouts, celery, garlic, onions, and green peppers are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well-recognized commercial areas which specialize in producing supplies for shipment to distant markets.

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis, except garlic, for which values are reported annually on a field-run basis at packinghouse door. For processed vegetables, value per unit and total value are at processing plant door.

Table 212.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1965-79

Year	Area <sup>1</sup>			Production <sup>4</sup>			Value <sup>5</sup>		
	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	1,644,150	1,642,790	3,286,940	10,915,000	8,348,670	19,263,670	1,016,558	405,862	1,422,420
1966 .....	1,613,300	1,804,040	3,417,340	10,617,200	8,941,280	19,558,480	1,137,027	433,348	1,570,375
1967 .....	1,631,330	1,996,130	3,567,510	11,142,850	9,979,460	21,122,310	1,151,433	530,408	1,681,841
1968 .....	1,624,820	2,012,230	3,637,050	11,290,050	12,105,870	23,395,920	1,184,587	600,690	1,785,277
1969 <sup>6</sup> .....	1,699,810	1,629,630	3,329,440	11,175,950	9,297,350	20,473,300	1,282,087	415,551	1,697,638
1970 .....	1,673,670	1,531,160	3,204,830	11,357,800	9,297,200	20,655,000	1,233,222	410,189	1,643,411
1971 .....	1,609,960	1,558,460	3,168,420	11,361,050	9,922,550	21,283,600	1,438,946	439,980	1,878,926
1972 .....	1,648,110	1,584,490	3,232,600	11,578,050	10,241,600	21,819,650	1,607,022	466,633	2,073,655
1973 .....	1,636,610	1,727,010	3,363,620	11,907,200	10,661,650	22,568,850	1,857,859	550,632	2,408,491
1974 .....	1,557,570	1,775,810	3,333,380	11,980,150	11,794,050	23,774,200	1,880,507	929,785	2,810,292
1975 .....	1,538,950	1,874,480	3,413,430	11,936,200	13,533,250	25,469,450	2,155,350	1,036,635	3,191,985
1976 .....	1,570,350	1,624,640	3,194,990	12,328,750	11,048,850	23,377,600	2,258,175	786,606	3,044,781
1977 .....	1,568,470	1,638,120	3,206,590	12,688,800	12,612,450	25,300,750	2,353,186	945,180	3,298,366
1978 .....	1,616,960	1,611,430	3,228,390	12,998,700	11,322,640	24,321,340	2,763,007	874,675	3,637,682
1979 <sup>7</sup> .....	1,619,380	1,647,080	3,266,460	13,223,200	12,554,810	25,778,010	2,940,199	1,026,696	3,966,895

<sup>1</sup> Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested.

<sup>2</sup> Area, production, and farm value of the following 27 crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, lima beans, snap beans, beets, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons. Lima beans, beets, kale, green peas, and shallots discontinued in 1968.

<sup>3</sup> Area, production, and farm value of the following 10 crops in all States: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach and tomatoes. Production of other vegetables processed included in fresh market series of estimates.

<sup>4</sup> Production for fresh market excludes some quantities not marketed because of low prices or other economic factors.

<sup>5</sup> Value for all fresh market vegetables, except garlic, on f.o.b. basis. For processing vegetables, value at processing plant door.

<sup>6</sup> Beginning 1969, asparagus for processing included in fresh market segment.

<sup>7</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 213.—Vegetables, commercial: Area of principal crops, by States, 1977-79<sup>1</sup>

State	For fresh market <sup>2</sup>			For processing <sup>4</sup>			Total		
	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>	1977	1978	1979 <sup>3</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Ala .....	25,400	25,900	26,000	6,900	9,700	8,400	32,300	35,600	34,400
Ariz .....	58,870	63,670	69,300	550	660	450	59,420	64,330	69,750
Ark .....	7,400	6,700	6,400	8,480	6,420	6,450	15,880	13,120	12,850
Calif .....	527,160	547,080	557,150	330,320	291,580	310,410	857,480	838,660	867,560
Colo .....	18,340	20,570	21,520	4,430	4,770	4,930	22,770	25,340	26,450
Conn .....	4,400	4,600	4,100				4,400	4,600	4,100
Del .....	3,300	2,900	2,900	30,100	35,220	28,820	33,400	38,120	31,720
Fla .....	246,650	267,850	262,100	19,400	21,800	22,770	266,050	289,650	284,870
Ga .....	43,400	42,900	42,100	3,920	4,300	4,590	47,320	47,200	46,690
Hawaii .....	1,630	1,760	1,880				1,630	1,760	1,880
Idaho .....	5,300	5,200	4,500	35,850	35,150	35,230	41,150	40,350	39,730
Ill .....	10,250	9,950	8,800	91,840	95,180	95,020	102,090	105,130	103,820
Ind .....	11,440	12,200	11,700	23,420	20,000	18,440	34,860	32,200	30,140
Iowa .....	320	230	130	11,690	7,700	5,650	12,010	7,930	5,780
Ky .....	3,450	2,200	3,400	2,820	2,270	1,220	6,270	4,470	4,620
La .....	1,970	1,520	1,520	180	140	210	2,150	1,660	1,730
Maine .....				7,170	7,070	8,010	7,170	7,070	8,010
Md .....	12,940	11,420	11,350	34,940	34,820	37,610	47,880	46,240	48,960
Mass .....	8,750	8,000	8,230	1,300	1,400	1,600	10,050	9,400	9,830
Mich .....	62,750	62,300	62,600	50,880	52,460	51,950	113,630	114,760	114,550
Minn .....	4,740	5,070	4,980	191,130	185,470	178,090	195,870	190,540	183,070
Miss .....	12,000	12,000	11,500	3,600	4,200	3,500	15,600	16,200	15,000
Mo .....	4,200	4,400	4,100	1,100	1,700	470	5,300	6,100	4,570
Nebr .....				150	200	120	150	200	120
N.J .....	47,920	41,300	44,200	14,800	19,020	16,800	62,720	60,320	61,000
N. Mex .....	6,950	8,700	7,400	900	600	300	7,850	9,300	7,700
N.Y .....	64,250	64,000	66,800	75,580	88,530	83,030	139,830	152,530	149,830
N.C .....	41,340	42,590	42,300	29,560	31,150	32,710	70,900	73,740	75,010
Ohio .....	22,170	22,850	22,770	29,860	28,110	26,510	52,030	50,960	49,280
Oklahoma .....	7,000	7,000	7,500	4,180	3,020	2,150	11,180	10,020	9,650
Oreg .....	15,790	16,400	16,770	104,250	116,850	122,660	120,040	133,250	139,430
Pa .....	16,570	17,260	17,320	17,770	14,940	14,630	34,340	32,200	31,950
S.C .....	38,500	34,600	33,500	8,800	9,700	10,930	47,300	44,300	44,430
S. Dak .....				80	60	60	80	60	60
Tenn .....	5,200	5,480	4,950	14,860	12,880	10,880	20,060	18,360	15,830
Tex .....	169,810	178,400	168,090	16,800	20,100	20,300	186,610	198,500	188,390
Utah .....	1,700	2,000	2,000	4,670	4,750	4,670	6,370	6,750	6,670
Va .....	16,490	16,580	15,720	12,830	13,320	11,670	29,320	29,900	27,390
Wash .....	32,520	33,380	35,000	111,320	121,820	126,900	143,840	155,200	161,900
W. Va .....				480	100	70	480	100	70
Wis .....	7,600	8,000	8,800	331,210	304,270	338,870	338,810	312,270	347,670
U.S .....	1,568,470	1,616,960	1,619,380	1,638,120	1,611,430	1,647,080	3,206,590	3,228,390	3,266,460

<sup>1</sup>Area for fresh market is area for harvest. Area for processing is area harvested.<sup>2</sup>Area of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.<sup>3</sup>Preliminary.<sup>4</sup>Area of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 214.—Vegetables, commercial: Production of principal crops, by States, 1977-79

State	For fresh market <sup>1</sup>			For processing <sup>3</sup>			Total		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Ala .....	80,950	78,100	90,650	12,950	15,250	18,260	93,900	93,350	108,910
Ariz .....	571,950	596,200	615,050	2,050	2,700	1,800	574,000	598,900	616,850
Ark .....	29,900	31,300	35,800	21,650	18,350	16,670	51,550	49,650	52,470
Calif .....	5,677,500	5,671,450	5,834,650	6,899,850	5,504,300	6,614,310	12,577,350	11,175,750	12,448,960
Colo .....	206,700	252,000	253,700	33,300	35,950	34,800	240,000	287,950	288,500
Conn .....	13,850	16,100	15,600	.....	.....	.....	13,850	16,100	15,600
Del .....	14,600	15,900	13,550	48,800	66,700	57,520	63,400	82,600	71,070
Fla .....	1,791,650	1,934,500	1,998,000	71,250	80,400	88,480	1,862,900	2,014,900	2,086,480
Ga .....	154,600	180,100	181,400	8,500	11,400	10,700	163,100	191,500	192,100
Hawaii .....	17,150	18,350	17,750	.....	.....	.....	17,150	18,350	17,750
Idaho .....	120,600	123,500	114,750	161,550	185,150	213,130	282,150	308,650	327,880
Ill .....	38,550	38,750	37,400	331,400	352,050	373,280	369,950	390,800	410,680
Ind .....	74,350	79,450	76,200	213,250	244,950	179,670	287,600	324,400	255,870
Iowa .....	250	50	50	60,900	46,600	37,030	61,150	46,650	37,080
Ky .....	14,000	7,600	12,400	10,900	7,600	5,610	24,900	15,200	18,010
La .....	6,450	4,850	5,050	350	200	280	6,800	5,050	5,330
Maine .....	.....	.....	.....	9,000	8,350	11,780	9,000	8,350	11,780
Md .....	51,850	49,850	47,500	134,100	138,700	145,840	185,950	188,550	193,340
Mass .....	37,850	45,200	42,900	10,400	13,400	12,660	48,250	58,600	55,560
Mich .....	357,700	381,550	395,250	237,450	259,850	279,630	595,150	641,400	674,880
Minn .....	38,900	40,250	38,050	769,950	744,450	694,060	808,850	784,700	782,110
Miss .....	40,200	57,000	51,750	6,100	6,700	5,430	46,300	63,700	57,180
Mo .....	26,250	24,200	28,700	3,000	2,400	1,000	29,250	26,600	29,700
Nebr .....	.....	.....	.....	1,000	650	650	1,000	650	650
N.J .....	225,050	199,100	200,600	147,750	127,000	124,060	372,800	326,100	324,660
N. Mex .....	88,400	111,900	87,500	9,900	4,800	2,800	98,300	116,700	90,300
N.Y .....	570,650	580,250	623,350	373,350	403,750	420,620	944,500	984,000	1,043,970
N.C .....	140,700	139,800	147,450	75,300	81,400	91,250	216,000	221,200	238,700
Ohio .....	122,000	139,100	133,550	523,300	500,700	465,570	645,300	639,800	599,120
Oklahoma .....	38,500	22,750	22,500	12,450	12,300	6,970	50,950	35,050	29,470
Oreg .....	274,950	266,550	310,800	526,650	577,140	613,370	801,600	843,690	924,170
Pa .....	76,450	73,200	68,850	144,650	107,800	97,890	221,100	181,000	166,740
S.C .....	135,550	149,100	141,200	25,000	29,650	26,850	160,550	178,750	168,050
S. Dak .....	.....	.....	.....	400	150	170	400	150	170
Tenn .....	24,950	25,450	22,600	33,900	26,800	23,740	58,850	52,250	46,340
Tex .....	1,144,500	1,176,350	1,052,450	95,650	121,450	96,890	1,240,150	1,297,800	1,149,340
Utah .....	28,500	36,000	41,500	16,850	17,350	23,270	45,350	53,350	64,770
Va .....	57,850	66,200	60,800	49,800	72,450	67,580	107,650	138,650	128,380
Wash .....	247,850	224,750	244,650	364,000	469,000	493,720	611,350	693,750	738,370
W. Va .....	.....	.....	.....	1,200	750	850	1,200	750	850
Wis .....	147,100	141,950	159,250	1,164,100	1,024,050	1,196,620	1,311,200	1,166,000	1,355,870
U.S .....	12,688,300	12,998,700	13,223,200	12,612,450	11,322,640	12,554,810	25,300,750	24,321,340	25,778,010

<sup>1</sup> Production of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

<sup>2</sup> Preliminary.

<sup>3</sup> Production of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 215.—Vegetables, commercial: Value of principal crops, by States, 1977-79

State	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala .....	19,731	22,321	27,709	2,050	1,645	2,839	21,781	23,966	30,548
Ariz .....	94,355	134,867	136,932	205	305	216	94,560	135,172	137,148
Ark .....	7,126	7,926	12,834	2,213	1,798	2,454	9,339	9,724	15,288
Calif .....	1,070,272	1,244,598	1,255,541	461,542	374,927	475,019	1,531,814	1,619,525	1,730,560
Colo .....	22,564	34,263	32,674	3,322	3,743	3,322	25,886	38,006	35,996
Conn .....	1,939	2,286	2,546	.....	.....	.....	1,939	2,286	2,546
Del .....	1,278	1,433	1,631	7,853	11,458	8,941	9,131	12,891	10,572
Fla .....	418,126	498,255	637,289	9,576	10,597	12,155	427,702	508,852	649,444
Ga .....	15,423	18,403	20,859	1,218	1,701	1,705	16,641	20,104	22,564
Hawaii .....	6,812	7,384	7,730	.....	.....	.....	6,812	7,384	7,730
Idaho .....	9,461	18,828	13,546	10,190	13,779	14,214	19,651	32,607	27,760
Ill .....	5,067	6,905	6,754	29,584	29,591	33,795	34,651	36,496	40,549
Ind .....	11,515	14,091	13,075	14,700	17,754	13,489	26,215	31,845	26,564
Iowa .....	190	65	84	3,176	2,396	1,949	3,366	2,461	2,033
Ky .....	2,804	1,271	1,875	1,357	1,012	732	4,161	2,283	2,607
La .....	2,062	2,634	2,313	35	22	35	2,097	2,656	2,348
Maine .....	.....	.....	.....	1,411	1,587	2,069	1,411	1,587	2,069
Md .....	8,555	8,083	10,254	12,345	13,640	14,564	20,900	21,723	24,818
Mass .....	7,335	8,205	8,995	1,039	1,394	1,342	8,374	9,599	10,337
Mich .....	68,396	84,042	84,184	23,368	27,176	30,137	91,764	111,218	114,321
Minn .....	4,063	4,238	4,549	53,045	50,432	54,067	57,108	54,670	58,616
Miss .....	1,704	3,659	4,057	872	824	717	2,576	4,483	4,774
Mo .....	1,575	1,452	1,866	265	211	138	1,840	1,663	2,004
Nebr .....	.....	.....	.....	133	91	105	133	91	105
N.J .....	54,522	54,924	61,396	11,851	11,507	11,541	66,373	66,431	72,937
N. Mex .....	14,150	21,148	17,635	743	360	210	14,893	21,508	17,845
N.Y .....	90,105	106,274	113,198	27,363	30,472	32,786	117,468	136,746	145,984
N.C .....	24,035	30,982	27,479	9,931	10,331	14,014	33,966	41,313	41,493
Ohio .....	22,851	32,739	31,465	38,418	37,194	36,954	61,269	69,933	68,419
Okla .....	2,002	2,129	1,710	1,060	1,008	653	3,062	3,137	2,363
Oreg .....	26,245	41,487	36,268	49,478	51,650	58,374	75,723	93,137	94,642
Pa .....	11,829	16,305	15,389	10,210	7,890	7,574	22,039	24,195	22,963
S.C .....	19,455	25,866	31,605	3,521	4,615	4,246	22,976	30,481	35,851
S. Dak .....	.....	.....	.....	54	21	27	54	21	27
Tenn .....	10,669	12,182	9,559	4,746	3,755	3,270	15,415	15,937	12,829
Tex .....	228,225	213,907	224,787	9,826	12,806	11,745	238,051	226,713	236,532
Utah .....	2,162	5,247	3,445	1,680	1,601	2,308	3,842	6,848	5,753
Va .....	13,272	16,138	16,759	4,702	6,730	6,175	17,974	22,868	22,934
Wash .....	39,039	45,129	48,030	38,340	47,592	57,366	77,379	92,721	105,396
W. Va .....	.....	.....	.....	110	47	60	110	47	60
Wis .....	14,272	13,341	14,177	93,648	81,013	105,389	107,920	94,354	119,566
U.S .....	2,353,186	2,763,007	2,940,199	945,180	874,675	1,026,696	3,298,366	3,637,682	3,966,895

<sup>1</sup>Value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

<sup>2</sup>Preliminary.

<sup>3</sup>Value of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 216.—Artichokes, globe, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965-79<sup>1</sup>**

Year	Area for harvest	Yield per acre	Production	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	9,200	70	644	8.95	5,761	1973 .....	12,000	50	600	14.50	8,699
1966 .....	8,900	75	668	8.76	5,853	1974 .....	10,800	65	702	17.30	12,152
1967 .....	9,600	76	730	8.87	6,472	1975 .....	10,200	72	734	16.10	11,847
1968 .....	9,600	60	576	10.00	5,772	1976 .....	10,600	76	806	14.40	11,568
1969 .....	10,100	65	657	10.60	6,946	1977 .....	10,800	66	713	19.30	13,775
1970 .....	11,000	61	671	10.30	6,920	1978 .....	9,900	53	525	27.00	14,201
1971 .....	11,000	72	792	9.72	7,697	1979 <sup>3</sup> .....	9,700	90	873	27.70	24,220
1972 .....	11,100	64	710	11.60	8,222						

<sup>1</sup> California only. Includes production for fresh market and processing.<sup>2</sup> Price and value f.o.b. basis.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 217.—Asparagus, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965-79**

Year	Total crop					For fresh market			For processing		
	Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production <sup>1</sup>	Value <sup>2</sup>		Production <sup>1</sup>	Value <sup>3</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	131,230	25	3,280	15.00	49,072	1,040	16.30	16,921	112,000	287.00	32,151
1966 .....	128,110	26	3,319	17.40	57,888	847	20.10	17,029	123,600	331.00	40,859
1967 .....	125,920	24	3,048	17.80	54,336	850	21.00	17,877	109,900	332.00	36,459
1968 .....	121,360	26	3,202	18.80	60,108	892	21.80	19,489	115,500	352.00	40,619
1969 .....	115,350	24	2,815	19.60	55,249	778	23.60	18,350	101,850	362.00	36,899
1970 .....	112,260	25	2,755	19.90	54,836	944	22.30	21,019	90,550	373.00	33,817
1971 .....	114,170	24	2,791	22.90	64,015	833	29.20	24,309	97,900	406.00	39,706
1972 .....	119,070	24	2,891	23.50	67,921	922	26.70	24,663	98,450	439.00	43,258
1973 .....	115,380	22	2,545	26.10	66,411	860	31.10	26,765	84,250	471.00	39,646
1974 .....	112,490	23	2,604	28.50	74,277	824	33.40	27,489	89,000	526.00	46,788
1975 .....	102,570	21	2,141	28.70	61,436	874	34.00	29,695	63,350	501.00	31,741
1976 .....	92,580	25	2,302	31.30	72,122	919	38.10	35,025	69,150	536.00	37,097
1977 .....	85,820	25	2,181	36.80	80,249	714	46.90	33,458	73,350	638.00	46,791
1978 .....	81,430	22	1,827	43.40	79,216	667	51.80	34,519	58,000	771.00	44,697
1979 <sup>4</sup> .....	79,160	24	1,862	51.20	95,283	609	63.60	38,750	62,600	903.00	56,533

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 120, (6,000 tons for processing) in 1965, 91 (4,550 tons for processing) in 1966, and 80 for fresh market only in 1969.<sup>2</sup> Price and value on f.o.b. basis.<sup>3</sup> Price and value at processing plant door.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 218.—Asparagus, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1977-79

Season and State	Area <sup>1</sup>			Production			Value per unit		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Spring:									
Calif .....	30,300	28,000	26,400	1,121	784	924	38.20	45.00	52.50
Ill .....	4,500	4,200	3,100	50	38	34	34.50	41.80	46.90
Mich .....	17,300	17,300	17,000	190	225	221	43.90	56.30	58.60
N.J. ....	2,300	1,900	1,600	32	27	27	55.10	66.60	81.60
Wash .....	20,200	21,000	22,000	667	672	572	32.70	36.20	45.20
Other States <sup>3</sup> .....	11,220	9,030	9,060	121	81	84	31.60	44.10	48.90
U.S. ....	85,820	81,430	79,160	2,181	1,827	1,862	36.80	43.40	51.20

  

Season and State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Spring:												
Calif .....	561	529	480	46.60	50.20	62.40	28,000	12,750	22,200	594.00	683.00	838.00
Ill .....	9	6	7	46.30	51.80	51.90	2,050	1,600	1,350	638.00	798.00	912.00
Mich .....	13	15	19	51.00	60.00	78.40	8,850	10,500	10,080	868.00	1,120.00	1,137.00
Wash .....	89	84	64	45.40	55.20	61.80	28,900	29,400	25,400	615.00	670.00	863.00
Other States <sup>4</sup> .....	42	33	39	52.20	64.10	76.70	5,550	3,750	3,570	612.00	868.00	929.00
U.S. ....	714	667	609	46.90	51.80	63.60	73,350	58,000	62,600	638.00	771.00	903.00

<sup>1</sup>Asparagus for fresh market and for processing is frequently harvested from the same area; therefore it is not practical to make individual area estimates for these segments.

<sup>2</sup>Preliminary.

<sup>3</sup>Mostly for processing; includes Delaware, Indiana, Iowa, Maryland, Minnesota, Oregon, and Virginia.

<sup>4</sup>Data for fresh market include Indiana, Iowa, Maryland, New Jersey, and Oregon. Data for processing include Delaware, Indiana, Iowa, Maryland, Minnesota, New Jersey, Oregon, and Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 219.—Beans, green lima (for processing), commercial crop: Area, production, and value per ton, by States, 1977-79

State	Area			Production <sup>2</sup>			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif .....	26,900	29,800	28,400	43,200	45,000	49,420	384.00	395.00	400.00
Del .....	9,000	12,600	10,200	5,100	11,100	8,570	248.00	312.00	273.00
Md .....	2,800	4,000	3,400	2,100	3,250	2,550	264.00	339.00	353.00
Wis .....	5,900	6,400	6,900	6,900	6,000	7,310	246.00	251.00	297.00
Other States <sup>3</sup> .....	15,710	15,340	15,570	16,900	17,300	15,950	313.00	339.00	345.00
U.S. ....	60,310	68,140	64,470	74,200	82,650	83,800	343.00	359.00	366.00

<sup>1</sup>Preliminary.

<sup>2</sup>Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.

<sup>3</sup>1977—Arkansas, Idaho, Illinois, Minnesota, New Jersey, New York, Ohio, Pennsylvania, Virginia, and Washington; 1978—Arkansas, Idaho, Illinois, Minnesota, New Jersey, New York, Oregon, Pennsylvania, and Washington; 1979—Arkansas, Idaho, Illinois, Minnesota, New Jersey, New York, Oregon, Pennsylvania, and Washington.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 220.—Beans, green lima, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965-79

Year	For fresh market <sup>1</sup>					For processing				
	Area harvested	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Area harvested	Yield per acre	Production	Value <sup>4</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt. <sup>5</sup>	1,000 cwt. <sup>5</sup>	Dollars	1,000 dollars	Acres	Tons <sup>6</sup>	Tons <sup>6</sup>	Dollars	1,000 dollars
1965 .....	11,900	25	303	10.40	3,137	83,970	1.15	96,650	177.00	17,081
1966 .....	11,200	25	279	11.70	3,263	96,950	1.08	104,500	174.00	18,208
1967 .....	10,900	26	288	11.70	3,873	97,310	1.19	115,750	178.00	20,552
1968 .....	10,500	25	259	11.90	3,076	104,680	1.10	115,900	194.00	22,360
1969 .....						83,180	1.19	98,700	179.00	17,659
1970 .....						70,630	1.11	78,750	184.00	14,491
1971 .....						71,130	1.13	80,650	185.00	14,960
1972 .....						74,470	1.22	90,650	208.00	18,829
1973 .....						77,530	1.27	98,100	211.00	20,714
1974 .....						73,700	1.21	89,400	315.00	28,179
1975 .....						76,900	1.25	96,100	322.00	30,898
1976 .....						48,000	1.16	55,800	287.00	16,007
1977 .....						60,310	1.23	74,200	343.00	25,426
1978 .....						68,140	1.21	82,650	359.00	29,704
1979 <sup>7</sup> .....						64,470	1.30	83,800	366.00	30,683

<sup>1</sup> Estimates discontinued in 1969.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions: 1,000 cwt. in 1964.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Price and value at processing plant door.<sup>5</sup> In the shell.<sup>6</sup> Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.<sup>7</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 221.—Beans, snap, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965-79

Year	For fresh market					For processing				
	Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area harvested	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
1965 .....	96,430	39	3,756	10.70	40,307	230,660	2.34	540,530	96.60	52,231
1966 .....	97,410	37	3,618	12.00	43,305	245,070	2.13	521,830	101.00	52,544
1967 .....	97,790	39	3,785	11.50	43,580	273,590	2.32	635,920	102.00	64,621
1968 .....	94,440	37	3,520	12.60	44,271	267,070	2.35	626,630	99.80	62,556
1969 .....	88,320	37	3,290	13.00	42,826	238,290	2.39	568,450	99.50	56,565
1970 .....	85,350	37	3,120	13.10	41,010	227,770	2.50	570,150	95.60	54,480
1971 .....	83,610	37	3,096	14.40	44,599	240,200	2.45	596,650	92.60	55,264
1972 .....	86,700	36	3,137	14.80	46,569	255,440	2.40	613,400	100.00	61,538
1973 .....	85,870	35	3,033	17.90	54,173	292,180	2.54	741,650	103.00	76,241
1974 .....	82,990	35	2,920	18.60	54,404	291,080	2.57	748,350	157.00	117,654
1975 .....	84,220	38	3,179	19.60	62,303	273,580	2.43	665,200	153.00	102,096
1976 .....	85,120	37	3,126	19.90	62,253	237,170	2.49	590,700	139.00	81,895
1977 .....	78,250	37	2,884	21.10	60,965	257,640	2.62	675,450	145.00	98,170
1978 .....	84,680	33	2,809	26.10	73,310	280,350	2.56	716,600	146.00	104,630
1979 <sup>4</sup> .....	83,840	34	2,845	27.50	78,100	285,220	2.70	768,770	153.00	117,639

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 152 in 1965, 88 in 1968, and 22 in 1977.<sup>2</sup> Price and value on f.o.b. basis.<sup>3</sup> Price and value at processing plant door.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 222.—Beans, snap, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1977-79

Utilization, season, and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
<b>FOR FRESH MARKET</b>									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Fla .....	5,500	14,400	15,300	cwt. 198	cwt. 302	cwt. 444	per cwt. 25.80	per cwt. 35.00	per cwt. 28.60
Total .....	5,500	14,400	15,300	198	302	444	25.80	35.00	28.60
Spring:									
Calif .....	900	650	800	95	68	76	20.30	37.90	31.20
Fla .....	13,500	12,600	11,900	486	441	369	18.60	27.20	25.30
Ga .....	2,300	2,600	2,700	64	78	84	23.00	21.50	31.30
N.J. ....	1,200	600	500	44	21	17	24.40	30.00	25.30
N.C. ....	2,700	2,600	2,400	65	57	60	19.30	27.00	27.80
S.C. <sup>2</sup> .....	2,000	2,100	2,100	66	65	78	16.50	19.00	21.90
Total .....	22,600	21,150	20,400	820	730	684	19.30	26.90	26.50
Summer:									
Ala .....	1,200	1,200	1,200	36	36	36	30.60	41.70	40.90
Calif .....	1,700	1,800	1,700	153	162	145	20.20	23.20	22.70
Ga .....	1,200	1,400	1,100	31	31	28	20.60	21.20	27.20
Md .....	1,800	1,800	1,600	41	38	40	12.90	17.40	20.00
Mich .....	2,700	2,600	2,900	92	78	81	20.20	23.10	25.60
N.J. ....	4,600	3,900	4,200	161	144	151	19.40	24.80	25.00
N.Y. ....	7,400	6,000	6,100	266	240	238	22.40	25.90	27.20
N.C. ....	3,700	3,700	3,600	133	148	126	25.60	24.70	27.20
Ohio .....	1,000	900	900	40	27	32	21.10	22.20	28.90
Pa .....	700	700	620	37	37	33	18.90	23.20	23.60
Tenn .....	2,200	2,200	1,600	88	75	61	20.30	28.90	27.10
Va .....	2,900	2,700	2,400	84	73	74	19.50	23.50	23.80
Total .....	31,100	28,900	27,920	1,162	1,089	1,045	21.20	24.90	26.00
Fall:									
Calif .....	1,200	1,000	1,100	84	70	77	24.60	31.80	26.60
Fla .....	12,000	13,400	13,100	444	429	419	21.00	21.80	30.00
Ga .....	1,400	1,100	1,600	36	25	45	22.00	24.70	33.50
Md .....	290	290	300	12	11	11	17.30	19.40	23.00
N.J. ....	700	800	800	20	33	25	22.50	21.90	26.10
N.C. ....	300	340	400	12	12	11	21.70	22.80	27.80
S.C. ....	1,000	1,200	1,000	32	36	25	19.80	19.00	23.10
Va .....	2,000	1,900	1,700	52	59	44	18.50	18.40	26.50
Total .....	18,890	20,030	20,000	692	675	657	21.20	22.50	29.00
All groups .....	78,090	84,480	83,620	2,872	2,796	2,830	21.00	26.00	27.20
Hawaii .....	160	200	220	12	13	15	52.50	57.50	65.60
U.S. ....	78,250	84,680	83,840	2,884	2,809	2,845	21.10	26.10	27.50

See footnotes at end of table.

Table 222.—Beans, snap, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1977-79—Continued

Utilization season, and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
FOR PROCESSING	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Ark .....	4,700	3,900	.....	8,450	7,350	.....	120.00	103.00	.....
Calif .....	6,000	7,400	7,300	15,700	16,050	13,940	186.00	212.00	206.00
Colo .....	1,700	1,400	1,500	6,050	4,200	5,300	126.00	128.00	126.00
Del .....	8,800	10,400	4,900	14,550	22,150	12,200	168.00	164.00	169.00
Fla .....	10,500	12,000	13,500	21,000	24,000	32,940	184.00	165.00	148.00
Ga .....	.....	1,000	790	.....	1,650	1,580	.....	174.00	184.00
Ill .....	7,200	9,200	9,500	20,150	24,000	28,410	142.00	146.00	139.00
Ind .....	3,900	3,600	.....	8,000	9,350	.....	149.00	162.00	.....
Md .....	6,800	6,300	8,600	12,900	12,600	15,650	171.00	174.00	169.00
Mich .....	16,800	16,400	17,300	41,300	34,450	35,980	125.00	148.00	162.00
N.J .....	4,200	9,000	6,800	12,500	17,800	14,420	174.00	149.00	172.00
N.Y .....	43,000	50,700	45,600	96,100	107,850	106,250	149.00	150.00	161.00
N.C .....	1,400	1,500	4,000	1,850	2,000	8,320	154.00	153.00	161.00
Okl .....	2,200	850	.....	3,600	1,300	.....	95.60	94.00	.....
Oreg .....	32,500	35,600	38,400	140,200	152,100	172,420	152.00	142.00	152.00
Pa .....	5,000	4,800	4,700	10,350	11,000	9,920	162.00	157.00	167.00
Tenn .....	13,700	12,000	9,900	26,100	19,300	15,940	166.00	175.00	183.00
Va .....	3,000	4,300	4,000	5,450	6,600	7,800	179.00	158.00	167.00
Wash .....	1,600	2,100	2,100	4,100	6,500	8,700	136.00	141.00	159.00
Wis .....	67,200	68,000	79,300	185,450	188,350	212,520	128.00	132.00	137.00
Other States <sup>3</sup> .....	17,440	19,900	27,030	41,650	48,000	66,480	144.00	146.00	165.00
Total .....	257,640	280,350	285,220	675,450	716,600	768,770	145.00	146.00	153.00
Grand total .....	335,890	365,030	369,060	819,650	857,050	911,020	194.00	208.00	215.00

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions, 22,000 cwt. in 1977.<sup>3</sup> 1977—Alabama, Georgia, Idaho, Kentucky, Maine, Minnesota, Missouri, Ohio, South Carolina, Texas, Utah, and West Virginia; 1978—Alabama, Idaho, Maine, Minnesota, Missouri, Ohio, Texas, and Utah; 1979—Alabama, Arkansas, Idaho, Indiana, Maine, Minnesota, Missouri, Ohio, Oklahoma, South Carolina, Texas, Utah, and West Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 223.—Beets, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965-79

Year	For fresh market <sup>1</sup>					For processing				
	Area for harvest	Yield per acre	Pro- duc- tion	Value <sup>2</sup>		Area for harvest	Yield per acre	Pro- duc- tion	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
1965 .....	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966 .....	2,700	123	331	5.23	1,730	14,530	12.29	178,510	18.30	3,271
1967 .....	2,800	116	326	4.15	1,352	17,050	11.37	193,850	20.00	3,872
1968 .....	2,750	107	294	4.09	1,202	17,630	11.70	206,350	20.50	4,226
1969 .....	1,800	134	241	5.22	1,259	21,160	12.72	269,200	23.80	6,394
1970 .....	.....	.....	.....	.....	.....	17,930	12.24	219,550	22.00	4,831
1971 .....	.....	.....	.....	.....	.....	15,000	13.71	205,650	21.30	4,379
1972 .....	.....	.....	.....	.....	.....	13,690	13.86	189,750	21.40	4,059
1973 .....	.....	.....	.....	.....	.....	12,670	13.02	164,900	23.70	3,910
1974 .....	.....	.....	.....	.....	.....	16,400	12.25	200,850	27.50	5,520
1975 .....	.....	.....	.....	.....	.....	18,510	13.03	241,100	41.00	9,887
1976 .....	.....	.....	.....	.....	.....	18,080	12.78	231,100	38.20	8,818
1977 .....	.....	.....	.....	.....	.....	14,490	10.86	157,350	38.50	6,057
1978 .....	.....	.....	.....	.....	.....	14,120	14.60	206,200	40.70	8,383
1979 .....	.....	.....	.....	.....	.....	17,320	12.79	221,600	39.70	8,793
1979 <sup>4</sup> .....	.....	.....	.....	.....	.....	17,440	14.32	249,720	42.60	10,637

<sup>1</sup> Estimates discontinued in 1969.<sup>2</sup> Price and value on f.o.b. basis.<sup>3</sup> Price and value at processing plant door.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 224.—Beets (for canning), commercial crop: Area, production, and value per ton, by States, 1977-79

State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
N.Y. ....	3,600	5,000	5,000	51,600	72,500	79,100	35.00	40.10	37.30
Wis. ....	6,900	7,600	8,100	95,000	94,000	104,170	36.60	36.30	40.60
Other States <sup>2</sup> .....	3,620	4,720	4,340	59,600	55,100	66,450	52.00	44.90	52.00
U.S. ....	14,120	17,320	17,440	206,200	221,600	249,720	40.70	39.70	42.60

<sup>1</sup> Preliminary.<sup>2</sup> 1977—California, Indiana, Michigan, Ohio, Oregon, and Texas; 1978—California, Illinois, Michigan, Ohio, Oregon, and Texas; 1979—California, Illinois, Ohio, Oregon, and Texas.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 225.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965-79<sup>1</sup>

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Production	Value <sup>3</sup>		Production	Value <sup>4</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	37,470	59	2,211	8.31	18,369	.....	.....	.....	.....	.....	.....
1966 .....	39,280	68	2,677	8.68	23,247	.....	.....	.....	.....	.....	.....
1967 .....	43,360	64	2,782	8.88	24,696	.....	.....	.....	.....	.....	.....
1968 .....	42,950	72	3,080	8.98	27,497	.....	.....	.....	.....	.....	.....
1969 .....	37,360	67	2,487	10.10	25,153	.....	.....	.....	.....	.....	.....
1970 .....	41,140	76	3,138	9.71	30,482	977	13.00	83,900	174.00	14,578	.....
1971 .....	42,770	74	3,171	11.20	35,577	1,286	13.40	108,050	161.00	17,410	.....
1972 .....	47,300	77	3,644	10.80	39,451	1,375	14.80	108,050	161.00	17,410	.....
1973 .....	53,940	65	3,502	12.10	42,476	1,497	14.10	108,050	161.00	17,410	.....
1974 .....	49,400	80	3,933	14.20	55,912	1,590	15.70	108,050	161.00	17,410	.....
1975 .....	49,650	79	3,940	15.10	59,444	2,035	17.10	108,050	161.00	17,410	.....
1976 .....	52,800	81	4,289	15.90	68,204	2,234	19.00	108,050	161.00	17,410	.....
1977 .....	70,890	80	5,694	16.30	92,748	2,572	19.70	108,050	161.00	17,410	.....
1978 .....	68,300	79	5,399	18.10	97,619	2,647	21.70	108,050	161.00	17,410	.....
1979 <sup>5</sup> .....	71,100	82	5,818	19.00	110,641	2,998	21.90	108,050	161.00	17,410	.....

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 46 in 1970 and 22 in 1973.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Price and value at processing plant door.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 227

<sup>1</sup> Includes production for fresh market and processing.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions; 95,000 cwt in 1965.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Beginning 1971, California only.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 226.—Broccoli, commercial crop: Area, production, and value per hundredweight, by States, 1977-79<sup>1</sup>

Season and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Ariz .....	350	400	800	19	21	48	27.90	24.70	27.40
Calif .....	12,900	15,000	16,500	1,097	1,050	1,853	18.90	18.10	20.40
Tex .....	800	1,700	450	52	109	21	18.80	14.70	24.20
Total .....	14,050	17,100	17,750	1,168	1,180	1,422	19.10	17.90	20.70
Spring:									
Calif .....	23,000	15,900	19,000	1,955	1,383	1,805	14.20	18.50	17.70
Total .....	23,000	15,900	19,000	1,955	1,383	1,805	14.20	18.50	17.70
Summer:									
Calif .....	11,100	14,200	14,500	833	1,065	1,102	16.90	18.00	19.30
Oreg .....	940	900	900	81	76	90	15.10	16.90	16.00
Total .....	12,040	15,100	15,400	914	1,141	1,192	16.80	17.90	19.00
Fall:									
Ariz .....	500	400	250	30	22	14	19.40	23.50	28.00
Calif .....	20,800	19,300	18,000	1,602	1,660	1,350	16.60	17.90	18.70
Tex .....	500	500	700	25	13	35	8.32	15.20	29.10
Total .....	21,800	20,200	18,950	1,657	1,695	1,399	16.60	18.00	19.10
U.S. ....	70,890	68,300	71,100	5,694	5,399	5,818	16.30	18.10	19.00

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif .....	2,470	2,531	2,877	19.50	21.60	21.60	150,850	131,350	136,650	272.00	296.00	320.00
Other States <sup>3</sup> .....	102	116	121	23.20	23.40	28.70	5,250	6,250	4,350	220.00	225.00	276.00
U.S. ....	2,572	2,647	2,998	19.70	21.70	21.90	156,100	137,600	141,000	270.00	298.00	319.00

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.<sup>2</sup> Preliminary.<sup>3</sup> Includes Arizona, Oregon, and Texas in "For fresh market;" includes Oregon and Texas in "For processing."

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 227.—Brussels sprouts, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965-79<sup>1</sup>

Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Area for harvest	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	6,400	107	682	12.00	8,191	1973 .....	6,100	105	641	13.90	8,894
1966 .....	6,900	106	734	11.90	8,704	1974 .....	5,700	115	656	18.60	12,169
1967 .....	6,600	104	685	11.50	7,874	1975 .....	5,800	120	696	17.50	12,205
1968 .....	6,800	94	638	11.60	7,427	1976 .....	4,900	120	588	18.50	10,870
1969 .....	6,500	89	579	11.50	6,673	1977 .....	5,800	135	783	18.90	14,831
1970 .....	5,950	99	587	13.50	7,929	1978 .....	5,900	150	885	21.40	18,968
1971 <sup>4</sup> .....	6,140	107	655	12.40	8,122	1979 <sup>5</sup> .....	5,500	140	770	21.50	16,520
1972 .....	6,560	111	725	14.30	10,387						

See footnotes on page 161.

Table 228.—Cabbage, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight and per ton, total value, and stocks, United States, 1965-79

Year	Total crop						Stocks <sup>4</sup>	
	Area for harvest	Yield per acre	Production <sup>1</sup>	Shrinkage and loss <sup>2</sup>	Value <sup>3</sup>		Dec. 1	Jan. 1 <sup>5</sup>
					Per cwt.	Total		
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1965 .....	115,110	199	22,908	270	2.41	54,648	1,180	810
1966 .....	110,580	193	21,390	148	3.32	70,130	750	420
1967 .....	114,180	215	24,505	200	2.43	59,010	980	720
1968 .....	106,770	221	23,585	191	2.81	65,826	1,050	640
1969 .....	108,040	209	22,540	202	2.96	66,102	920	520
1970 .....	109,860	218	23,991	352	3.41	80,529	1,140	820
1971 .....	108,640	220	23,914	260	3.32	78,458	950	520
1972 .....	105,230	215	22,573	200	3.52	78,641	640	400
1973 .....	110,570	220	24,290	260	5.09	122,368	600	495
1974 .....	107,390	236	25,341	289	3.92	98,160	<sup>6</sup> 770	570
1975 .....	103,750	241	24,985	351	4.63	113,990	.....	.....
1976 .....	98,830	239	23,606	326	5.02	116,865	.....	.....
1977 .....	91,740	259	23,806	604	7.43	172,409	.....	.....
1978 <sup>7</sup> .....	96,460	254	24,481	275	7.24	175,211	.....	.....

  

Year	For fresh market					For sauerkraut				
	Area for harvest	Yield per acre	Production <sup>1,2</sup>	Value <sup>3</sup>		Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	102,360	177	18,130	2.88	51,389	12,750	18.74	238,910	13.60	3,259
1966 .....	99,820	178	17,799	3.77	66,534	10,760	16.69	179,560	20.00	3,596
1967 .....	99,900	191	19,037	2.89	54,357	14,280	19.15	273,400	17.00	4,653
1968 .....	94,210	201	18,948	3.29	61,647	12,560	18.46	231,850	18.00	4,179
1969 .....	95,260	190	18,090	3.46	61,865	12,780	17.41	222,500	19.00	4,237
1970 .....	96,880	193	18,669	4.14	75,822	12,980	20.50	266,100	17.70	4,707
1971 .....	97,180	198	19,215	3.92	74,347	11,460	20.50	234,950	17.50	4,111
1972 .....	94,430	197	18,611	4.04	74,396	10,800	18.34	198,100	21.40	4,245
1973 .....	97,530	204	19,907	5.95	116,944	13,040	16.81	219,150	24.80	5,424
1974 .....	93,480	211	19,712	4.60	89,440	13,910	20.23	281,450	31.00	8,720
1975 .....	91,940	220	20,190	5.37	106,465	11,810	20.30	239,750	31.40	7,525
1976 .....	87,360	217	18,965	5.88	109,630	11,470	20.23	232,050	31.20	7,235
1977 .....	81,210	235	19,111	8.93	165,243	10,530	22.29	234,750	30.50	7,166
1978 .....	85,890	234	20,125	8.48	168,354	10,570	20.60	217,790	31.50	6,857
1979 <sup>8</sup> .....	82,460	236	19,436	8.60	164,793	9,800	24.36	238,710	31.70	7,560

<sup>1</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 305 in 1965, 258 in 1966, 420 in 1967, 144 in 1968, 135 in 1969, 180 in 1970, 10 in 1971, 37 for fresh market (also 200 tons for processing) in 1972, and 78 in 1976.

<sup>2</sup>Shrinkage and loss from New York storage crop excluded in computing value. Shrinkage in 1978 and 1979 amounted to 275,000 cwt.

<sup>3</sup>Fresh market price and value on f.o.b. basis; processing price and value at processing plant door.

<sup>4</sup>Grower and dealer stocks, New York only.

<sup>5</sup>Jan. 1 of succeeding year.

<sup>6</sup>As of Nov. 15.

<sup>7</sup>Last year of estimate.

<sup>8</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 229.—Cabbage, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1977-79

Utilization, season, and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
FOR FRESH MARKET <sup>2</sup>									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Calif .....	2,200	2,300	2,900	517	518	667	15.70	6.32	11.60
Fla .....	9,000	8,700	10,200	1,935	1,523	2,448	15.20	9.32	14.40
Tex .....	6,200	9,500	4,300	1,736	2,660	1,011	17.70	9.08	12.70
Total .....	17,400	20,500	17,400	4,188	4,701	4,126	16.30	8.85	13.50
Spring:									
Calif .....	2,800	2,000	2,200	518	440	517	5.56	9.80	7.38
Fla .....	5,600	6,000	5,600	1,596	1,560	1,568	9.46	8.48	9.36
Ga .....	2,600	2,000	1,700	216	240	255	7.37	8.90	6.81
N.J. ....	900	500	600	203	115	150	5.54	10.70	9.40
N.C. ....	2,200	1,900	2,300	242	209	242	3.89	10.20	5.10
Ohio .....	450	400	300	99	84	81	5.20	11.00	9.50
S.C. ....	800	800	800	68	100	96	5.96	10.90	6.50
Tenn .....	400	380	350	99	100	91	5.90	12.30	10.40
Tex .....	3,200	4,400	4,100	992	1,320	1,148	8.58	10.40	8.44
Total .....	18,450	18,380	17,950	4,033	4,168	4,148	7.85	9.60	8.41
Summer:									
Calif .....	1,400	1,800	1,500	371	405	360	4.94	6.69	4.68
Colo. <sup>3</sup> .....	1,030	1,400	1,500	314	369	450	4.42	8.31	6.70
Ga .....	500	1,000	1,100	53	140	110	6.53	7.35	2.32
Ill .....	1,500	1,500	1,400	289	306	273	4.82	7.08	5.65
Ind .....	800	850	900	218	219	225	4.46	10.10	6.00
Md .....	670	650	780	127	117	125	4.80	8.72	5.37
Mass .....	890	830	710	200	191	160	4.70	5.90	5.49
Mich .....	2,150	2,050	1,900	321	316	266	6.11	10.40	6.87
N.J. <sup>4</sup> .....	2,400	2,000	2,400	444	440	432	5.31	10.00	6.53
N.Y.: Long Island .....	600	600	800	144	148	215	6.35	9.70	8.27
Upstate .....	1,000	1,000	1,000	332	438	355	6.17	7.21	5.57
N.C. ....	2,540	2,850	2,800	472	520	644	4.34	8.14	4.54
Ohio .....	1,200	1,800	1,400	264	299	266	5.63	8.66	6.71
Pa .....	1,470	1,560	1,800	357	313	315	5.08	6.88	6.18
Va .....	900	1,030	930	218	268	256	4.37	7.00	4.45
Wash .....	740	780	850	140	157	162	5.54	7.00	7.80
Wis .....	1,000	1,000	700	424	384	245	4.62	7.16	4.70
Total .....	20,790	22,200	22,470	4,688	5,030	4,860	5.08	8.08	5.90
Fall:									
Calif .....	1,600	1,700	1,700	432	391	417	6.35	5.31	5.60
Colo. <sup>3</sup> .....	200	.....	.....	60	.....	.....	7.43	.....	.....
Fla .....	1,800	2,000	1,600	369	440	352	6.64	4.50	5.02
Ind .....	40	100	100	11	26	25	6.60	7.00	6.00
Mich .....	1,350	1,450	1,600	194	206	216	6.56	6.92	6.11
N.J. ....	1,000	1,000	1,100	220	220	204	7.47	6.13	6.20
N.Y.: Long Island .....	800	700	700	200	186	210	6.80	4.52	7.55
Upstate <sup>5</sup> .....	6,700	6,000	6,500	2,568	2,561	2,600	7.40	11.20	8.90
N.C. ....	2,200	1,900	1,900	242	247	228	6.10	4.88	5.69
Ohio .....	500	600	400	94	141	80	7.56	6.35	6.09
Oreg .....	650	600	640	136	134	160	11.90	10.20	7.60
Pa .....	1,000	1,100	1,100	170	242	209	4.91	6.60	6.14
Tex .....	5,500	6,200	5,500	1,100	961	990	7.47	4.62	8.00
Va .....	290	400	340	64	108	85	8.36	4.94	6.25
Wis .....	500	600	1,000	212	225	390	10.20	5.11	5.30
Total .....	24,130	24,350	24,180	6,072	6,088	6,166	7.33	7.68	7.45
All groups .....	80,770	85,430	82,000	18,981	19,987	19,300	8.91	8.47	8.58
Hawaii .....	440	460	460	130	138	136	11.20	10.50	10.80
U.S. ....	81,210	85,890	82,460	19,111	20,125	19,436	8.93	8.48	8.60

See footnotes at end of table.



**Table 229.—Cabbage, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1977-79—Continued**

Utilization season, and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
<b>FOR SAUERKRAUT</b>									
Colo .....	70	100	100	2,450	2,200	2,550	41.60	27.00	27.00
N.Y. ....	4,100	4,000	3,400	90,950	82,000	82,680	29.90	29.90	29.90
Ohio .....	1,100	1,300	1,200	27,300	32,400	34,400	30.50	32.70	33.30
Wis .....	3,500	3,200	3,100	74,450	59,550	72,820	29.30	30.40	30.60
Other States <sup>2</sup> .....	1,760	1,970	2,000	39,600	41,640	43,260	33.60	35.50	36.50
U.S. ....	10,530	10,570	9,800	234,750	217,790	238,710	30.50	31.50	31.70

<sup>1</sup> Preliminary.<sup>2</sup> Includes production for fresh market and processing.<sup>3</sup> Summer and fall estimates combined in 1978 and included as summer.<sup>4</sup> Excludes the following quantities not harvested or not marketed because of economic conditions: 78,000 cwt. in 1976.<sup>5</sup> Storage crop includes some quantities lost by shrinkage and waste.<sup>6</sup> 1977-78—Idaho, Illinois, Indiana, Michigan, North Carolina, Oregon, Pennsylvania, Tennessee, Virginia, and Washington; 1979—Florida, Idaho, Illinois, Indiana, Michigan, North Carolina, Oregon, Pennsylvania, Tennessee, Virginia, and Washington.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 230.—Cantaloups, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965-79<sup>1</sup>**

Year	Area for harvest	Yield per acre	Produc- tion <sup>2</sup>	Value <sup>3</sup>		Year	Area for harvest	Yield per acre	Produc- tion <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	109,600	104	11,439	5.51	63,051	1973 .....	93,000	122	11,302	8.08	91,268
1966 .....	103,800	104	10,745	6.28	67,428	1974 .....	69,800	139	9,720	9.99	97,111
1967 .....	107,200	117	12,539	6.28	78,504	1975 .....	75,060	130	9,774	10.50	102,242
1968 .....	115,350	117	13,543	5.78	78,234	1976 .....	75,030	133	10,005	11.00	109,739
1969 .....	124,300	110	13,697	5.61	76,850	1977 .....	79,500	135	10,760	10.60	113,991
1970 .....	109,710	121	13,282	6.16	81,882	1978 .....	93,920	137	12,856	9.64	123,946
1971 .....	100,400	123	12,382	6.56	81,220	1979 <sup>4</sup> .....	89,120	138	12,322	11.20	138,350
1972 .....	97,750	133	13,045	7.28	94,939						

<sup>1</sup> Excludes casaba, crenshaw, persian, santa claus, honeyball, and honeydew melons.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 240 in 1965, 10 in 1971, 203 in 1973, and 46 in 1974.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 233

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1977—fall, Wisconsin, 5; 1978—fall, Minnesota, 23, Wisconsin, 9.<sup>3</sup> Indiana, New Jersey, and Ohio.<sup>4</sup> Illinois, Indiana, Michigan, New Jersey, Ohio, and Wisconsin.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 231.—Cantaloups, commercial crop: Area, production, and value per hundredweight, by States, 1977-79<sup>1</sup>

Season and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
Spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Ariz .....	5,300	6,000	5,100	795	960	765	10.90	11.10	14.00
Calif .....	10,700	12,600	9,400	1,498	2,079	1,269	9.68	9.79	10.20
Tex .....	10,700	13,200	12,000	1,338	1,518	1,620	14.60	9.30	14.10
Total .....	26,700	31,800	26,500	3,631	4,557	3,654	11.80	9.90	12.70
Summer:									
Ariz .....	4,300	3,100	2,000	688	465	270	10.10	13.30	12.60
Calif .....	27,200	34,500	35,000	4,488	5,520	6,125	9.97	9.18	10.10
Colo .....	850	920	920	115	147	138	4.50	5.16	5.49
Ga .....	3,700	4,000	4,200	233	220	227	6.20	5.57	5.98
Ind .....	1,800	1,800	1,800	270	252	234	9.79	8.95	10.00
Mich .....	2,000	2,100	1,900	160	168	162	11.10	12.20	16.20
S.C .....	3,100	2,800	2,800	140	120	106	8.56	8.10	9.50
Tex .....	6,500	6,100	6,100	683	561	488	11.40	11.30	12.80
Total .....	49,450	55,320	54,720	6,777	7,453	7,750	9.90	9.45	10.30
Fall:									
Ariz .....	850	800	2,000	102	96	210	9.11	8.97	16.90
Calif .....	2,500	6,000	5,900	250	750	708	13.20	10.00	12.30
Total .....	3,350	6,800	7,900	352	846	918	12.00	9.88	13.40
U.S .....	79,500	93,920	89,120	10,760	12,856	12,322	10.60	9.64	11.20

<sup>1</sup> Excludes casaba, crenshaw, persian, santa claus, honeyball, and honeydew melons. <sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 232.—Carrots, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965-79

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production	Value <sup>2</sup>		Production	Value <sup>3</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	79,680	219	17,469	3.50	61,176	.....	.....	.....	.....	.....	.....
1966 .....	79,680	216	17,215	4.02	69,176	.....	.....	.....	.....	.....	.....
1967 .....	81,290	265	17,501	4.16	72,873	.....	.....	.....	.....	.....	.....
1968 .....	72,200	265	19,142	4.31	82,516	.....	.....	.....	.....	.....	.....
1969 .....	77,000	233	18,380	4.37	80,260	11,188	6.22	69,504	360,800	29.80	10,756
1970 .....	77,570	234	18,156	3.63	65,953	10,952	5.09	55,783	360,200	28.20	10,170
1971 .....	72,330	261	18,366	5.02	94,738	11,671	7.18	83,753	359,750	30.50	10,985
1972 .....	75,800	259	19,605	5.14	100,749	12,571	7.21	90,651	351,700	28.70	10,098
1973 .....	83,800	266	22,284	4.76	106,034	12,857	7.20	92,532	471,350	28.60	13,502
1974 .....	78,550	292	22,924	5.28	121,145	13,289	7.66	101,811	481,750	40.10	19,334
1975 .....	70,180	272	19,073	6.93	132,196	12,567	9.39	118,013	325,800	43.60	14,183
1976 .....	73,870	262	19,247	5.95	114,565	12,505	8.11	101,363	337,100	39.20	13,202
1977 .....	69,520	276	19,208	7.86	141,432	10,872	11.30	123,234	416,800	43.70	18,198
1978 .....	73,720	282	19,289	6.73	129,810	10,963	10.10	110,786	416,320	45.70	19,024
1979 <sup>4</sup> .....	77,840	288	20,851	7.08	147,634	11,483	10.90	125,447	468,380	47.40	22,187

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 170 in 1975 and 243 in 1976. <sup>2</sup> Price and value on f.o.b. basis. <sup>3</sup> Price and value at processing plant door. <sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 233.—Carrots, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1977-79

Season and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ariz.	600	700	600	cwt. 84	cwt. 105	cwt. 66	per cwt. 16.90	per cwt. 9.72	per cwt. 11.90
Calif.:									
Desert	4,000	3,800	3,600	1,040	950	972	12.00	7.55	10.20
Other	4,100	4,100	4,800	1,107	1,210	1,344	11.30	7.89	8.93
Tex.	8,000	9,200	9,000	1,120	1,794	1,170	12.60	6.15	10.50
Total	16,700	17,800	18,000	3,351	4,059	3,552	12.10	7.09	9.85
Spring:									
Ariz.	1,200	1,300	1,400	180	150	175	9.01	8.89	10.40
Calif.:									
Desert	5,700	5,200	6,600	1,083	1,040	1,386	8.79	6.90	7.61
Other	4,900	4,700	5,500	1,563	1,551	1,815	9.12	8.45	8.80
Tex.	3,200	4,700	2,700	592	611	338	8.45	7.30	7.32
Total	15,000	15,900	16,200	3,423	3,352	3,714	8.90	7.78	8.29
Summer:									
Calif.: Other	6,800	6,700	7,000	2,346	1,642	2,310	5.60	10.50	7.44
Ariz.	1,000	1,000	1,000	220	250	245	8.24	8.95	9.40
Ill.	250	350	300	88	103	93	5.45	6.61	8.03
Mich.	3,000	3,200	3,400	690	816	833	9.57	11.30	8.39
Tex.	800	500	600	100	90	60	12.70	11.20	12.50
Wash.	1,000	1,000	800	435	420	308	4.20	4.51	7.42
Wis.	1,700	1,200	1,900	799	504	760	3.33	4.36	3.46
Total	14,550	13,950	15,000	4,678	3,825	4,609	5.94	9.01	7.14
Fall:									
Calif.:									
Desert	500	800	1,000	95	172	195	8.88	8.56	8.50
Other	7,000	7,300	8,500	1,995	1,971	2,295	6.73	6.23	6.24
Mich.	2,600	2,900	3,200	611	798	880	10.10	8.00	7.21
Minn. <sup>2</sup>	1,100	1,300	1,600	534	553	608	3.57	3.61	4.86
N.Y.	1,900	1,900	1,900	589	570	589	13.10	7.58	11.20
Oreg.	1,200	1,300	1,400	528	449	658	3.26	3.56	3.76
Tex.	2,200	3,400	3,800	341	612	608	7.56	7.34	9.25
Wash.	4,000	3,500	3,700	1,900	1,400	1,610	2.61	2.34	2.53
Wis. <sup>2</sup>	1,800	2,500	2,600	837	1,025	1,118	3.17	3.30	3.35
Other States <sup>3</sup>	970	1,170	940	326	503	415	2.22	2.61	2.74
Total	23,270	26,070	28,640	7,756	8,053	8,976	5.51	5.03	5.45
U.S.	69,520	73,720	77,840	19,208	19,289	20,851	7.36	6.73	7.08

  

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
	cwt.	cwt.	cwt.	per cwt.	per cwt.	per cwt.				per ton	per ton	per ton
Ariz.	264	255	241	11.50	9.24	10.80						
Calif.	6,446	6,270	6,926	10.70	9.84	10.50	139,400	113,300	169,550	49.50	55.00	51.30
Colo.	220	250	245	8.24	8.95	9.40						
Mich.	1,041	1,088		11.60	13.20		13,000	26,300		51.30	49.10	
Minn.	120	109	255	10.20	11.50	8.55	20,700	22,200	17,660	33.10	33.50	44.00
N.Y.	418	297	305	17.50	12.40	19.50	8,550	13,650	14,190	44.60	46.50	47.70
Oreg.	76	59	105	11.80	16.00	14.00	22,600	19,500	27,630	36.40	33.60	36.40
Tex.	1,713	2,213	1,800	13.00	8.80	11.30	22,000	44,700	18,200	31.80	33.70	36.30
Wash.	411	205	300	9.36	12.70	13.30	96,200	80,750	80,900	30.60	31.70	29.40
Wis.	103	154		9.76	10.40		76,650	68,770		56.30	57.80	
Other States <sup>4</sup>	60	63	1,306	7.00	9.00	10.40	17,700	27,150	139,650	44.20	52.50	57.10
U.S.	10,872	10,963	11,483	11.30	10.10	10.90	416,800	416,320	468,380	43.70	45.70	47.40

See footnotes on page 165.

Table 234.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1977-79<sup>1</sup>

Season and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Ariz .....	1,100	1,000	1,800	75	68	160	30.80	31.30	29.70
Calif .....	5,900	4,300	6,000	443	301	510	25.60	26.60	25.60
Tex .....	110	500	400	10	40	7	13.20	21.60	21.40
Total .....	7,110	5,800	8,200	528	409	677	26.10	26.90	26.50
Spring:									
Calif .....	5,900	5,200	6,800	590	421	646	19.20	28.30	25.80
Total .....	5,900	5,200	6,800	590	421	646	19.20	28.30	25.80
Summer:									
Calif .....	6,800	9,900	10,000	714	1,089	1,050	20.50	20.40	20.10
N.Y .....	1,200	1,200	1,300	92	78	104	23.90	21.00	20.50
Total .....	8,000	11,100	11,300	806	1,167	1,154	20.80	20.50	20.20
Fall:									
Ariz .....	300	250	250	18	14	18	20.20	32.40	30.00
Calif .....	11,400	14,000	10,300	1,197	1,260	1,030	19.30	20.70	19.90
Mich .....	850	600	800	51	30	52	16.90	26.70	25.40
N.Y .....	1,800	2,000	2,300	225	200	242	19.60	17.10	18.00
Oreg .....	1,900	2,100	2,000	285	326	320	9.14	10.70	10.80
Tex .....	100	500	440	7	9	17	17.60	27.80	28.80
Total .....	16,350	19,450	16,090	1,783	1,839	1,679	17.60	18.70	18.30
U.S .....	37,360	41,550	42,390	3,707	3,836	4,156	19.80	21.20	21.30

  

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Ariz .....	93	82	178	28.80	31.50	29.70	.....	.....	.....	.....	.....	.....
Calif .....	1,664	1,372	1,830	23.30	27.40	25.60	64,000	84,950	70,300	337.00	360.00	348.00
Other States <sup>3</sup> .....	389	391	452	21.40	20.50	20.50	12,700	14,600	14,520	144.00	170.00	180.00
U.S .....	2,146	1,845	2,460	23.20	26.10	25.00	78,050	99,550	84,820	302.00	332.00	319.00

<sup>1</sup> Includes heading (cauliflower) broccoli.<sup>2</sup> Preliminary.<sup>3</sup> Michigan, New York, Oregon, and Texas.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 235.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1965-79<sup>1</sup>

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Production	Value <sup>3</sup>		Production	Value <sup>4</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1965	24,800	100	2,473	8.22	20,333	.....	.....	.....	.....	.....	.....
1966	25,950	97	2,526	8.62	21,786	.....	.....	.....	.....	.....	.....
1967	26,250	93	2,445	8.77	21,447	.....	.....	.....	.....	.....	.....
1968	27,350	100	2,737	8.77	24,015	.....	.....	.....	.....	.....	.....
1969	27,300	96	2,615	9.47	24,775	1,650	11.80	19,533	48,250	109.00	5,242
1970	24,060	96	2,298	9.48	21,786	1,354	12.40	16,776	47,200	106.00	5,010
1971	24,960	98	2,456	10.20	25,107	1,274	14.50	18,420	59,100	113.00	6,687
1972	28,080	106	2,989	10.60	31,537	1,611	14.60	23,529	68,900	116.00	8,008
1973	31,780	93	2,940	11.50	33,902	1,442	16.40	23,625	74,900	137.00	10,277
1974	32,220	94	3,033	13.10	39,594	1,553	17.80	27,653	74,000	161.00	11,941
1975	31,980	94	2,998	15.20	45,504	1,755	19.90	35,000	62,150	169.00	10,504
1976	33,550	92	3,081	16.80	51,868	1,999	21.30	42,535	54,100	173.00	9,333
1977	37,360	99	3,707	19.80	73,387	2,146	23.20	49,816	78,050	302.00	23,571
1978	41,550	92	3,836	21.20	81,244	1,845	26.10	48,180	99,550	332.00	33,064
1979 <sup>5</sup>	42,390	98	4,156	21.30	88,567	2,460	25.00	61,488	84,820	319.00	27,079

<sup>1</sup> Includes heading (cauliflower) broccoli.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 42 in 1970, 27 in 1973.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Price and value at processing plant door.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 236.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965-79<sup>1</sup>

Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1965	30,790	454	13,977	4.43	61,940	1973	33,480	501	16,784	6.04	101,352
1966	32,710	449	14,680	4.88	71,659	1974	32,690	504	16,476	5.70	93,956
1967	32,660	450	14,684	4.75	69,719	1975	31,750	498	15,826	7.46	118,122
1968	32,910	470	15,465	4.65	71,940	1976	33,660	502	16,904	7.89	133,336
1969	33,180	476	15,790	5.61	88,601	1977	33,760	491	16,561	8.51	140,978
1970	33,080	469	15,531	5.39	83,642	1978	34,410	478	16,445	11.90	195,946
1971	33,540	474	15,909	5.46	86,908	1979 <sup>4</sup>	36,120	486	17,560	9.16	160,820
1972	33,220	482	16,021	6.42	102,794						

<sup>1</sup> Mostly for fresh market use, but includes quantities used for processing.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 134 in 1965, 297 in 1966, 823 in 1967, 351 in 1968, 128 in 1969, 22 in 1970, 70 in 1971, 56 in 1973, and 109 in 1974.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES ON TABLE 238

<sup>1</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 46 in 1965, 89 in 1966, 30 in 1967, 49 in 1969, 120 in 1970, 349 in 1971, 77 in 1972, and 56 in 1978.<sup>2</sup> Price and value on f.o.b. basis.<sup>3</sup> Price and value at processing plant door.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 237.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1977-79<sup>1</sup>

Season and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Calif.:									
Southern Coast .....	4,100	4,300	4,900	2,317	2,301	2,646	11.40	8.82	9.54
Fla .....	4,100	4,400	5,100	1,640	1,843	2,244	12.50	11.20	11.20
Total .....	8,200	8,700	10,000	3,957	4,149	4,890	11.90	9.88	10.30
Spring:									
Calif.:									
Southern Coast .....	4,800	4,300	4,400	2,808	2,279	2,288	7.39	15.10	9.43
Central Coast .....	600	480	600	336	300	396	6.48	19.80	15.00
Fla .....	4,000	4,700	4,200	1,160	1,575	1,785	10.60	14.50	11.80
Total .....	9,400	9,480	9,200	4,304	4,154	4,469	8.19	15.20	10.90
Summer:									
Calif.:									
Central Coast .....	4,000	3,500	4,000	2,340	1,855	2,140	6.50	12.20	6.42
Mich .....	1,900	2,000	2,200	846	810	979	8.39	14.40	9.83
N.Y. ....	440	600	450	185	252	216	8.47	15.70	9.11
Ohio .....	230	330	320	97	172	157	8.12	13.70	7.70
Total .....	6,570	6,430	6,970	3,468	3,089	3,492	7.11	13.10	7.60
Fall:									
Calif.:									
Southern Coast .....	2,000	2,500	2,000	1,160	1,400	1,080	5.90	9.60	6.90
Central Coast .....	4,900	4,500	5,400	2,867	2,633	2,700	7.21	10.10	6.90
Fla .....	1,800	2,400	2,000	423	852	690	8.61	10.50	10.60
Mich .....	500	300	400	228	126	174	7.71	12.20	7.79
N.Y. ....	110	100	150	46	42	65	8.70	14.60	8.76
Wash. <sup>3</sup> .....	280	.....	.....	108	.....	.....	6.90	.....	.....
Total .....	9,590	9,800	9,950	4,832	5,053	4,709	7.05	10.10	7.50
U.S. ....	33,760	34,410	36,120	16,561	16,445	17,560	8.51	11.90	9.16

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued in 1978.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 238.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965-79

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area for harvest	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	199,480	66	13,198	4.38	57,795	376,690	4.28	1,613,600	22.41	36,159
1966 .....	194,860	63	12,204	5.06	61,749	445,650	4.40	1,962,400	22.70	44,637
1967 .....	190,100	70	13,219	4.83	63,852	470,550	4.47	2,101,900	25.00	52,541
1968 .....	182,880	69	12,670	5.21	66,038	519,160	4.78	2,479,300	25.60	63,405
1969 .....	189,100	69	12,996	4.93	64,061	448,700	4.70	2,109,350	25.10	52,983
1970 .....	190,000	69	13,102	5.27	69,029	413,650	4.56	1,888,200	23.90	45,134
1971 .....	184,800	68	12,654	5.83	73,745	424,600	4.84	2,054,200	24.20	49,781
1972 .....	182,400	73	13,284	6.28	83,358	429,830	4.93	2,119,500	25.80	54,754
1973 .....	179,800	78	14,008	6.77	94,844	456,100	4.80	2,190,450	29.80	65,163
1974 .....	177,400	77	13,609	7.80	106,116	462,150	4.48	2,069,450	54.30	112,306
1975 .....	177,500	79	14,081	8.41	118,451	508,700	4.70	2,393,100	53.60	128,227
1976 .....	179,500	82	14,739	8.15	120,145	460,980	4.84	2,233,100	48.20	107,703
1977 .....	169,900	82	13,890	8.07	112,148	453,980	5.23	2,376,200	49.60	117,879
1978 .....	169,200	79	13,349	8.84	118,037	429,610	5.67	2,434,700	49.90	121,445
1979 <sup>4</sup> .....	167,500	79	13,213	10.00	132,274	416,540	5.88	2,447,620	51.30	125,563

See footnotes on page 169.

Table 239.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1977–79

Utilization season, and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
<b>FOR FRESH MARKET</b>									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Fla .....	3,800	10,800	11,100	cwt. 285	cwt. 767	cwt. 833	per cwt. 11.30	per cwt. 13.10	per cwt. 13.40
Total .....	3,800	10,800	11,100	285	767	833	11.30	13.10	13.40
Spring:									
Ala .....	1,000	900	900	60	72	79	8.10	9.10	9.80
Calif .....	6,600	6,100	5,100	660	671	459	9.74	10.50	11.30
Fla .....	32,500	30,500	30,400	3,575	3,355	3,344	8.89	8.52	9.46
Tex .....	3,100	1,800	1,300	202	162	111	7.20	8.30	8.00
Total .....	43,200	39,300	37,700	4,497	4,260	3,993	8.93	8.83	9.64
Summer:									
Ala .....	1,200	1,200	1,200	60	84	70	8.80	12.90	13.30
Calif .....	6,800	6,600	6,900	782	660	690	7.82	9.40	9.31
Colo .....	3,300	3,200	3,200	314	320	320	7.31	6.98	7.27
Conn .....	4,400	4,600	4,100	277	322	312	7.00	7.10	8.16
Ill .....	4,000	3,900	4,000	344	328	348	4.27	7.53	8.25
Mass .....	7,200	6,500	6,900	432	572	580	8.90	7.00	8.99
Mich .....	12,800	11,700	11,500	775	702	667	7.07	9.28	8.32
N.J. <sup>2</sup> .....	11,100	10,000	9,300	777	700	651	7.57	8.54	10.30
N.Y. ....	20,500	21,000	21,700	1,517	1,323	1,411	6.12	6.69	8.43
N.C. ....	4,900	4,700	4,900	294	249	240	7.15	9.00	10.00
Ohio .....	14,500	14,800	15,000	1,088	1,036	1,125	8.11	9.60	11.90
Oreg .....	1,900	1,700	1,800	171	145	198	9.90	10.10	10.80
Pa .....	11,100	11,800	11,600	666	578	534	8.02	9.11	10.60
Va .....	1,200	1,000	1,000	92	100	100	5.88	8.00	8.90
Wash .....	1,900	2,000	1,800	171	160	160	9.32	8.50	9.46
Total .....	106,800	104,700	104,900	7,760	7,279	7,406	7.34	8.34	9.51
Fall:									
Calif .....	1,400	1,400	1,000	147	133	85	8.44	7.72	11.50
Fla .....	15,200	13,000	12,800	1,201	910	896	8.83	9.48	12.50
Total .....	16,600	14,400	13,800	1,348	1,043	981	8.79	9.26	12.40
U.S. ....	169,900	169,200	167,500	13,890	13,349	13,213	8.07	8.84	10.00
<b>FOR PROCESSING</b>									
Del .....	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i> <sup>3</sup>	<i>Tons</i> <sup>3</sup>	<i>Tons</i> <sup>3</sup>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Idaho .....	24,500	23,800	23,800	141,300	157,900	189,210	48.70	55.50	52.90
Ill .....	45,900	48,400	44,000	225,350	246,850	251,680	52.80	51.00	51.90
Iowa .....	9,200	6,700	5,000	46,350	36,000	27,000	45.80	45.90	48.50
Md .....	12,900	11,500	10,300	45,550	49,900	47,480	57.90	61.30	57.00
Minn .....	120,000	111,500	98,300	648,000	641,100	562,280	46.00	45.40	46.70
N.Y. ....	17,000	20,300	20,500	96,500	99,500	109,260	45.70	45.00	47.00
Oreg .....	40,900	40,200	37,800	301,700	320,000	322,430	64.40	58.60	59.60
Pa .....	5,000	4,400	3,900	16,700	16,900	11,350	49.40	42.80	43.30
Wash .....	36,800	40,700	40,500	222,650	313,800	318,740	56.80	59.10	66.50
Wis .....	130,700	110,800	121,400	596,000	504,150	556,000	42.30	41.40	41.70
Other States <sup>4</sup> .....	11,080	9,010	7,940	36,100	38,100	36,160	55.70	55.70	53.00
U.S. ....	453,980	429,610	416,540	2,376,200	2,434,700	2,447,620	49.60	49.90	51.30
Grand total .....	623,880	598,810	584,040	3,070,700	3,102,150	3,108,270	74.90	77.20	83.00

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions: 56,000 cwt. in 1978.<sup>3</sup> Tonnage in husk.<sup>4</sup> 1977—Delaware, Indiana, Texas, Utah, Virginia, and West Virginia; 1978—Indiana, Texas, Utah, Virginia, and West Virginia; 1979—Indiana, Michigan, Texas, Utah, and West Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 240.—Cucumbers, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1977–79

Utilization season, and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
<b>FOR FRESH MARKET</b>									
Spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Calif .....	850	800	1,300	225	208	371	12.20	18.70	14.40
Fla .....	8,000	8,000	7,700	1,160	1,200	1,155	9.38	11.20	16.50
N.C .....	3,000	3,400	3,600	210	133	238	7.02	16.00	8.01
S.C. <sup>2</sup> .....	4,100	3,600	3,800	369	360	365	7.20	11.90	12.70
Tex .....	2,900	3,400	2,700	290	357	284	11.90	16.10	14.80
Total .....	18,850	19,200	19,100	2,254	2,258	2,413	9.41	13.10	14.60
Summer:									
Calif .....	1,300	1,300	1,500	364	345	420	10.60	10.60	9.59
Md .....	1,600	1,500	1,400	150	147	134	10.30	9.23	10.80
Mich .....	2,100	2,100	1,900	168	147	152	9.28	12.10	14.80
N.J .....	1,500	1,500	1,700	225	218	238	13.10	11.70	15.00
N.Y .....	2,200	2,500	2,700	253	263	311	10.70	11.40	12.00
N.C .....	3,800	5,100	4,300	220	281	249	8.61	11.60	8.85
Tex .....	1,800	1,000	1,200	216	155	156	11.90	14.20	13.90
Va .....	3,000	3,100	2,900	204	217	203	11.00	12.50	13.00
Total .....	17,300	18,100	17,600	1,800	1,773	1,863	10.70	11.60	11.80
Fall:									
Calif .....	700	800	500	133	168	100	13.30	12.00	16.80
Fla .....	7,800	8,000	7,300	936	1,160	1,059	9.57	11.20	18.50
S.C .....	1,200	1,000	1,000	61	70	60	9.89	9.60	16.00
Tex .....	4,300	4,600	3,300	305	304	198	9.70	11.30	17.50
Va .....	1,500	1,800	1,600	84	110	77	6.07	9.97	15.00
Total .....	15,500	16,200	13,700	1,519	1,812	1,494	9.74	11.20	18.00
All groups .....	51,650	53,500	50,400	5,573	5,843	5,770	9.93	12.00	14.60
Hawaii .....	260	260	280	43	43	48	23.40	24.00	25.80
U.S .....	51,910	53,760	50,680	5,616	5,886	5,818	10.00	12.10	14.70
<b>FOR PROCESSING</b>									
Calif .....	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif .....	4,300	3,900	4,400	61,800	61,600	68,820	120.00	137.00	147.00
Colo .....	1,600	2,200	2,200	17,250	17,500	18,350	108.00	131.00	105.00
Del .....	1,400	1,200	1,800	6,450	9,100	7,690	102.00	107.00	128.00
Fla .....	5,700	6,200	6,300	24,250	26,400	28,350	174.00	183.00	197.00
Ind .....	1,400	950	.....	9,750	9,200	.....	108.00	142.00	.....
Md .....	2,800	2,900	2,900	19,450	19,750	27,030	112.00	117.00	113.00
Mich .....	24,500	26,500	25,500	114,000	126,000	117,810	109.00	120.00	132.00
N.J .....	1,400	1,600	1,400	13,200	14,700	9,600	132.00	157.00	154.00
N.C .....	28,000	29,500	28,500	72,900	77,300	80,090	132.00	128.00	156.00
Ohio .....	6,400	6,400	6,400	71,200	67,700	80,200	132.00	132.00	150.00
Oreg .....	1,300	1,500	1,500	13,150	17,650	17,330	126.00	136.00	137.00
S.C .....	8,700	9,700	10,900	24,950	29,650	26,810	141.00	156.00	158.00
Tex .....	5,400	7,000	8,300	38,600	55,600	36,690	139.00	130.00	173.00
Va .....	2,800	3,600	2,300	8,600	20,200	11,250	119.00	123.00	120.00
Wash .....	1,800	1,800	1,400	18,150	18,050	17,750	126.00	133.00	135.00
Wis .....	9,400	11,100	10,300	58,550	61,050	63,970	127.00	106.00	146.00
Other States <sup>3</sup> .....	16,890	18,390	17,680	51,600	54,000	61,180	131.00	126.00	138.00
U.S .....	123,790	134,440	131,780	623,850	685,450	672,920	126.00	130.00	145.00
Grand total .....	175,700	188,200	182,460	904,650	979,750	963,820	149.00	163.00	190.00

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions: 40,000 cwt. in 1977.<sup>3</sup> 1977—Alabama, Arizona, Arkansas, Georgia, Idaho, Illinois, Kentucky, Louisiana, Massachusetts, Minnesota, Nebraska, New York, Pennsylvania, and South Dakota; 1978—Alabama, Arizona, Arkansas, Georgia, Idaho, Illinois, Kentucky, Louisiana, Massachusetts, Minnesota, Mississippi, Nebraska, New York, Oklahoma, Pennsylvania and South Dakota; 1979—Alabama, Arizona, Arkansas, Georgia, Idaho, Illinois, Indiana, Kentucky, Louisiana, Massachusetts, Minnesota, Mississippi, Nebraska, New York, Pennsylvania, and South Dakota.



**Table 241.—Cucumbers, commercial crop: Area, yield, production, value per hundredweight and per ton, total value, and pickle stocks, United States, 1965–79**

Year	For fresh market					For processing					Pickle stocks on hand Oct. 1 <sup>4</sup>
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>3</sup>		
				Per cwt.	Total				Per ton	Total	
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>
1965 .....	50,500	98	4,932	5.92	29,209	108,210	3.97	429,220	76.00	32,603	441,650
1966 .....	48,190	98	4,728	6.74	31,845	131,020	4.10	537,800	81.60	43,866	485,700
1967 .....	50,380	99	4,990	6.37	31,787	156,200	3.84	599,350	91.20	54,662	572,400
1968 .....	53,590	83	4,449	7.12	31,659	148,320	3.81	564,460	92.10	52,003	591,450
1969 .....	48,580	91	4,422	7.21	31,861	135,020	3.83	517,000	91.90	47,534	548,500
1970 .....	47,670	94	4,478	6.42	28,737	133,580	4.41	588,800	94.10	55,391	563,050
1971 .....	46,550	93	4,326	7.57	32,742	127,600	4.41	563,100	93.20	52,461	522,300
1972 .....	48,960	96	4,702	8.14	38,274	128,830	4.43	571,150	94.00	53,660	539,750
1973 .....	43,890	96	4,206	9.34	39,292	125,930	4.76	598,800	99.30	59,448	501,000
1974 .....	45,690	102	4,676	10.40	48,683	132,010	4.52	597,000	131.00	77,954	496,000
1975 .....	47,450	102	4,840	10.40	50,292	140,170	4.81	674,250	129.00	86,730	502,800
1976 .....	49,060	104	5,078	9.66	49,063	128,380	4.94	633,800	126.00	79,751	476,500
1977 .....	51,910	108	5,616	10.00	56,338	123,790	5.04	623,350	126.00	78,651	494,550
1978 .....	53,760	109	5,886	12.10	71,250	134,440	5.10	685,450	130.00	88,814	467,100
1979 <sup>5</sup> .....	50,680	115	5,818	14.70	85,273	131,780	5.11	672,920	145.00	97,719	449,150

<sup>1</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 3 for fresh market and 13,630 tons for processing in 1965; 40 in 1977.

<sup>2</sup>Price and value on f.o.b. basis.

<sup>3</sup>Price and value at processing plant door.

<sup>4</sup>Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Oct. 1 includes stocks of fresh-pack pickles.

<sup>5</sup>Preliminary.

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**Table 242.—Eggplant, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965–79**

Year	Area for harvest	Yield per acre	Produc- tion <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Produc- tion <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	3,650	153	558	5.88	3,283	1973 .....	2,800	188	527	9.80	5,164
1966 .....	3,350	152	510	7.40	3,775	1974 .....	3,250	186	605	11.60	7,042
1967 .....	3,550	155	551	6.58	3,623	1975 .....	3,350	209	701	10.40	7,289
1968 .....	2,900	146	424	10.70	4,520	1976 .....	3,450	203	702	10.40	7,317
1969 .....	3,350	143	478	8.62	4,120	1977 .....	3,150	203	641	11.00	7,053
1970 .....	3,000	156	467	8.03	3,749	1978 .....	3,350	193	645	12.60	8,105
1971 .....	2,770	158	437	9.18	4,013	1979 <sup>3</sup> .....	3,900	187	729	15.90	11,621
1972 .....	3,100	168	522	8.68	4,530						

<sup>1</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 20 in 1965 and 21 in 1966.

<sup>2</sup>Price and value on f.o.b. basis.

<sup>3</sup>Preliminary.

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Table 243.—Eggplant, commercial crop: Area, production, and value per hundredweight, by States, 1977-79

Season and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter: Fla .....	250	450	500	50	99	128	13.80	10.30	13.30
Spring: Fla .....	900	800	1,200	221	176	198	11.80	15.70	16.60
Summer: N.J. ....	1,000	1,000	1,000	155	155	145	12.30	16.30	17.80
Fall: Fla .....	1,000	1,100	1,200	215	215	258	8.62	8.35	15.70
U.S. ....	3,150	3,350	3,900	641	645	729	11.00	12.60	15.90

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 244.—Escarole-endive, commercial crop: Area, production, and value per hundredweight, by States, 1977-79

Season and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter:									
Fla .....	2,700	2,600	3,300	324	325	429	21.10	21.10	19.70
Total .....	2,700	2,600	3,300	324	325	429	21.10	21.10	19.70
Spring:									
Fla .....	1,600	1,800	1,600	208	270	208	12.80	20.30	12.00
N.J. ....	830	250	310	58	43	56	10.20	42.20	25.50
Ohio .....	100	50	50	10	6	4	21.00	45.00	38.00
Total .....	2,080	2,100	1,960	276	324	268	12.60	24.00	15.20
Summer:									
N.J. ....	770	650	690	135	120	124	13.50	13.00	17.10
Ohio .....	500	600	600	65	87	98	20.50	30.60	32.00
Total .....	1,270	1,250	1,290	200	207	217	15.80	23.30	23.50
Fall:									
Fla .....	1,700	1,600	1,700	221	200	221	12.60	13.00	17.80
Ohio .....	50	50	50	4	5	5	22.60	25.60	28.50
Total .....	1,750	1,650	1,750	225	205	226	12.80	13.30	18.00
U.S. ....	7,750	7,600	8,300	1,025	1,061	1,140	15.90	20.90	19.00

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 245.—Escarole-endive, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965-79**

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	10,200	99	1,012	5.91	5,979	1973 .....	8,400	143	1,199	11.60	13,943
1966 .....	10,450	109	1,143	5.80	6,632	1974 .....	8,300	135	1,123	10.80	12,157
1967 .....	9,450	119	1,122	6.21	6,965	1975 .....	7,600	144	1,092	12.10	13,195
1968 .....	7,800	137	1,066	7.60	8,107	1976 .....	7,650	145	1,110	14.00	15,483
1969 .....	9,500	116	1,102	7.49	8,249	1977 .....	7,750	132	1,025	15.90	16,331
1970 .....	8,800	127	1,120	6.48	7,259	1978 .....	7,600	140	1,061	20.90	22,185
1971 .....	9,100	127	1,155	9.10	10,513	1979 <sup>3</sup> .....	8,300	137	1,140	19.00	21,700
1972 .....	9,800	120	1,180	7.99	9,431						

<sup>1</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 53 in 1965 and 40 in 1968. <sup>2</sup>Price and value on f.o.b. basis. <sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 246.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965-79**

Year	Area for harvest	Yield per acre	Production	Value <sup>1</sup>		Year	Area for harvest	Yield per acre	Production	Value <sup>1</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	10,300	145	1,496	5.62	8,411	1973 .....	14,000	175	2,453	7.47	18,324
1966 .....	9,100	134	1,216	6.63	8,062	1974 .....	12,400	176	2,185	8.23	17,993
1967 .....	11,300	140	1,577	5.82	9,186	1975 .....	12,570	191	2,395	9.31	22,286
1968 .....	10,300	134	1,379	6.71	9,249	1976 .....	13,950	168	2,346	10.60	24,916
1969 .....	13,800	143	1,971	5.86	11,544	1977 .....	15,480	167	2,591	9.87	25,561
1970 .....	13,200	146	1,931	5.66	10,936	1978 .....	18,520	184	3,413	9.62	32,846
1971 .....	12,300	166	2,039	6.23	12,712	1979 <sup>2</sup> .....	20,800	170	3,531	10.80	38,126
1972 .....	13,200	175	2,307	6.24	14,390						

<sup>1</sup>Price and value on f.o.b. basis. <sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 247.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1977-79**

Season and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Spring:									
Tex .....	5,100	4,000	6,400	500	600	800	14.30	13.90	13.00
Total .....	5,100	4,000	6,400	500	600	800	14.30	13.90	13.00
Summer:									
Ariz .....	1,100	1,400	1,200	165	224	192	10.50	9.02	8.30
Calif .....	8,300	11,000	11,000	1,702	2,145	2,035	8.63	8.78	10.30
Total .....	9,400	12,400	12,200	1,867	2,369	2,227	8.80	8.80	10.10
Fall:									
Ariz .....	170	220	400	30	45	72	8.13	7.04	9.41
Calif .....	810	1,900	1,800	194	399	432	9.00	8.36	10.40
Total .....	980	2,120	2,200	224	444	504	8.88	8.23	10.30
U.S. ....	15,480	18,520	20,800	2,591	3,413	3,531	9.87	9.62	10.80

<sup>1</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 248.—Garlic, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965-79<sup>1</sup>

Year	Area for harvest	Yield per acre	Production	Value		Year	Area for harvest	Yield per acre	Production	Value	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	4,600	120	552	8.40	4,636	1973 .....	6,900	130	897	11.70	10,522
1966 .....	3,500	100	350	8.27	2,894	1974 .....	9,000	130	1,170	12.20	14,265
1967 .....	4,400	115	506	10.10	5,120	1975 .....	10,800	130	1,404	13.10	18,415
1968 .....	6,400	125	800	8.99	7,192	1976 .....	8,800	105	924	13.00	11,995
1969 .....	7,300	120	876	8.44	7,397	1977 .....	10,400	110	1,144	14.30	16,336
1970 .....	5,600	130	728	8.39	6,111	1978 .....	13,000	120	1,560	15.80	24,723
1971 .....	3,700	130	481	9.32	4,485	1979 <sup>2</sup> .....	14,200	130	1,846	15.20	27,974
1972 .....	5,100	130	663	9.84	6,525						

<sup>1</sup>California only. Includes production for fresh market and processing.<sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 249.—Lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965-79

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	214,940	190	40,884	4.61	188,323	1973 .....	224,950	225	50,535	7.40	374,177
1966 .....	216,960	191	41,534	5.31	220,608	1974 .....	228,320	225	51,431	6.98	356,402
1967 .....	221,150	195	42,966	4.99	214,564	1975 .....	228,750	235	53,658	6.82	366,167
1968 .....	220,980	200	44,273	4.51	199,845	1976 .....	225,020	240	53,955	8.68	468,378
1969 .....	228,570	196	44,574	5.41	242,672	1977 .....	231,430	259	59,907	6.94	415,740
1970 .....	234,740	198	46,540	4.75	221,150	1978 .....	239,190	252	60,262	9.90	596,730
1971 .....	216,750	219	47,367	6.31	298,847	1979 <sup>3</sup> .....	244,050	247	60,315	9.56	576,741
1972 .....	220,470	221	48,720	5.73	279,295						

<sup>1</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 46 in 1965; 673 in 1966; 124 in 1967; 735 in 1968; 576 in 1969; 915 in 1970; 338 in 1971; 82 in 1972; 1,316 in 1973; and 1,573 in 1979.<sup>2</sup>Price and value on f.o.b. basis.<sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 250.—Lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1977-79

Season and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Ariz .....	14,000	15,500	14,100	2,800	3,720	3,314	8.54	10.20	15.60
Calif. <sup>2</sup> .....	40,900	39,600	36,500	10,839	9,108	8,943	7.15	8.47	14.10
Fla .....	4,300	4,100	6,000	688	779	1,290	13.30	16.80	21.00
Tex .....	2,800	3,000	3,600	490	735	684	6.57	10.40	17.00
Total .....	62,000	62,200	60,200	14,817	14,342	14,231	7.68	9.47	15.20
Spring:									
Ariz .....	7,400	7,700	13,600	1,776	1,348	2,040	5.15	21.10	6.10
Calif. <sup>2</sup> .....	41,800	40,400	46,000	13,167	12,928	14,030	4.90	13.50	5.83
Fla .....	2,800	3,600	4,200	406	828	840	8.77	22.50	16.60
N.J. ....	1,700	1,400	1,400	272	245	231	8.06	13.40	9.89
N. Mex .....	750	1,300	1,000	128	351	150	6.50	15.50	7.66
Total .....	54,450	54,400	66,200	15,749	15,700	17,291	5.10	14.70	6.46
Summer:									
Calif. <sup>2</sup> .....	41,000	44,000	40,000	12,300	13,640	12,200	6.46	5.94	7.70
Colo .....	4,300	5,400	6,000	1,011	1,161	1,320	5.89	4.99	7.74
Mich .....	1,400	1,400	1,500	238	273	255	9.60	13.70	20.50
N.J. ....	600	500	500	105	80	80	7.22	8.45	10.30
N.Y. ....	3,300	3,500	3,600	660	665	702	8.71	9.95	12.00
Ohio .....	700	800	800	105	144	88	22.80	32.70	30.70
Wash .....	1,100	1,200	1,200	215	204	204	7.40	7.90	11.70
Wis .....	1,400	1,200	1,100	322	258	237	9.65	7.83	8.50
Total .....	53,800	58,000	54,700	14,956	16,425	15,086	6.77	6.47	8.33
Fall:									
Ariz .....	16,500	19,300	17,900	3,465	3,378	3,580	8.15	10.30	9.74
Calif. <sup>2</sup> .....	36,000	35,400	35,000	9,360	8,673	8,400	7.83	8.10	8.00
Fla .....	2,300	2,700	3,500	345	432	490	16.10	16.20	16.50
N.J. ....	1,100	700	1,100	220	154	231	10.80	9.93	10.10
N. Mex .....	3,000	3,700	3,200	600	703	640	8.85	7.96	9.11
Tex .....	1,800	2,200	1,600	297	352	272	12.70	8.74	9.50
Total .....	60,700	64,000	62,300	14,287	13,692	13,613	8.30	8.93	8.88
All groups .....	230,950	238,600	243,400	59,809	60,159	60,221	6.92	9.88	9.54
Hawaii .....	530	590	650	98	103	94	19.10	20.90	21.00
U.S. ....	231,480	239,190	244,050	59,907	60,262	60,315	6.94	9.90	9.56

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 1979—winter, California, 858; spring, California, 295; summer, California, 300; fall, California, 120.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 251.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 1977-79<sup>1</sup>**

Season and State	Area			Production			Shrinkage and loss			Value per unit		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Spring:												
Ariz .....	1,400	1,800	1,600	616	738	536	.....	.....	.....	7.54	5.11	8.99
Calif .....	5,700	5,500	5,600	1,967	1,590	1,904	.....	.....	.....	8.44	7.57	10.40
Tex .....	16,900	22,300	21,900	2,789	3,345	3,504	.....	.....	.....	13.40	9.53	9.00
Total .....	24,000	29,400	29,100	5,372	5,673	5,944	.....	.....	.....	10.90	8.41	9.45
Summer:												
Non-storage:												
N.J. ....	650	600	720	117	84	104	.....	.....	.....	8.32	9.50	12.10
N. Mex .....	3,200	3,700	3,200	1,040	1,184	960	.....	.....	.....	7.70	8.54	11.10
Tex .....	6,800	7,700	7,600	1,870	1,502	1,482	.....	.....	.....	9.85	9.90	12.80
Wash .....	600	800	750	204	304	278	.....	.....	.....	8.10	10.10	12.70
Non-storage total .....	11,250	12,800	12,270	3,231	3,074	2,824	.....	.....	.....	8.99	9.38	12.20
Storage:												
Colo .....	6,800	7,800	7,800	2,040	2,730	2,535	450	510	435	5.53	8.27	5.75
Idaho .....	5,300	5,200	4,500	2,412	2,470	2,295	676	642	663	5.45	10.30	8.30
Mich .....	7,100	7,200	7,200	2,095	2,448	2,484	415	392	250	6.30	5.77	5.56
Minn .....	840	970	480	218	223	127	18	40	17	6.35	5.90	4.57
N.Y. ....	13,300	13,900	14,600	4,057	4,309	4,818	811	495	723	7.81	7.85	7.58
Ohio .....	560	550	590	216	231	218	28	16	27	6.12	6.40	6.10
Oreg.(east) .....	6,600	7,100	7,200	3,300	3,373	3,672	926	877	1,061	5.45	10.30	8.30
Oreg.(west) .....	2,100	2,200	2,300	987	814	1,104	242	180	249	5.39	9.43	3.80
Utah .....	1,700	2,000	2,000	570	720	830	103	137	141	4.63	9.00	5.00
Wash .....	2,700	3,100	3,900	1,107	1,178	1,599	421	253	283	5.94	9.17	5.40
Wis .....	1,200	1,500	1,500	348	443	435	38	45	50	5.56	4.63	6.68
Storage total ....	48,200	51,520	52,070	17,350	18,939	20,117	4,128	3,587	3,899	6.17	8.38	6.71
Calif. <sup>3</sup> .....	24,500	27,500	30,000	8,453	8,250	9,600	200	327	330	4.15	5.70	6.51
Total summer ....	83,950	91,820	94,340	29,034	30,263	32,541	4,328	3,914	4,229	5.86	7.69	7.19
U.S. ....	107,950	121,220	123,440	34,406	35,936	38,485	4,328	3,914	4,229	6.76	7.82	7.58

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.<sup>3</sup> Summer crop—primarily for processing.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 252.—Onions: Foreign trade, United States, 1965-78**

Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1965 .....	552	1,138	1970 .....	500	1,398	1975 .....	696	1,758
1966 .....	567	1,675	1971 .....	590	1,269	1976 .....	1,403	3,169
1967 .....	921	1,318	1972 .....	1,458	1,340	1977 .....	1,345	1,941
1968 .....	514	1,193	1973 .....	1,079	1,773	1978 .....	2,778	3,293
1969 .....	837	1,514	1974 .....	909	1,553			

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 253.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundred weight, total value, stocks, United States, 1965-80<sup>1</sup>

Year	Stocks in storage Jan. 1			Area for harvest	Yield per acre	Production <sup>3</sup>	Shrinkage and loss	Value <sup>4</sup>	
	In common storage <sup>2</sup>	In cold storage	Total					Per cwt.	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Acres	Cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1965	4,553	291	4,844	97,170	289	28,078	3,828	3.21	77,945
1966	5,544	250	5,794	93,780	264	24,723	2,247	4.89	107,201
1967	4,079	206	4,285	102,680	278	28,579	2,210	3.95	104,113
1968	4,609	202	4,811	105,920	272	28,769	3,137	3.60	92,390
1969	5,301	214	5,515	100,000	282	28,234	2,239	4.13	107,450
1970	4,351	185	4,536	101,000	302	30,493	3,558	3.67	98,752
1971	5,470	180	5,650	98,800	302	29,803	2,627	3.88	105,330
1972	4,810	170	4,980	94,470	300	28,355	2,457	6.48	167,715
1973	3,961	77	4,038	104,990	283	29,689	2,327	7.57	207,226
1974	4,754	81	4,835	109,730	302	33,151	2,934	4.87	147,182
1975	5,109	80	5,189	103,080	305	31,418	2,944	9.35	266,230
1976	4,430	88	4,518	109,220	322	35,197	3,934	6.92	216,356
1977	5,126	98	5,224	107,950	319	34,406	4,328	6.76	203,432
1978	5,620	63	5,683	121,220	296	35,936	3,914	7.82	250,375
1979 <sup>5</sup>	6,456	66	6,522	123,440	312	38,485	4,229	7.58	259,732
1980 <sup>5</sup>	7,799	98	7,897	.....	.....	.....	.....	.....	.....

<sup>1</sup>Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup>Grower and local dealer stocks.<sup>3</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 257 in 1967, 39 in 1970, and 30 in 1976. Includes storage crop onions harvested but not sold because of shrinkage and waste.<sup>4</sup>Price and value on f.o.b. basis.<sup>5</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 254.—Peas, green, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965-79

Year	For fresh market					For processing				
	Area harvested	Yield per acre	Production	Value <sup>1</sup>		Area harvested	Yield per acre	Production	Value <sup>2</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt. <sup>3</sup>	1,000 cwt. <sup>3</sup>	Dollars	1,000 dollars	Acres	Tons <sup>4</sup>	Tons	Dollars	1,000 dollars
1965	3,100	39	120	11.20	1,338	441,630	1.37	603,310	99.80	60,199
1966	2,000	35	70	13.30	932	434,080	1.18	510,100	105.00	53,329
1967	1,800	38	68	12.60	854	458,220	1.29	590,750	109.00	64,296
1968	2,000	30	59	15.00	884	452,090	1.29	582,600	107.00	62,370
1969	.....	.....	.....	.....	.....	404,150	1.30	524,400	106.00	55,699
1970	.....	.....	.....	.....	.....	387,360	1.26	489,550	109.00	53,311
1971	.....	.....	.....	.....	.....	386,210	1.37	527,650	107.00	56,676
1972	.....	.....	.....	.....	.....	380,670	1.36	516,050	112.00	57,968
1973	.....	.....	.....	.....	.....	423,790	1.20	507,650	119.00	60,530
1974	.....	.....	.....	.....	.....	421,700	1.36	573,150	196.00	112,166
1975	.....	.....	.....	.....	.....	437,650	1.30	570,750	218.00	124,604
1976	.....	.....	.....	.....	.....	393,020	1.31	513,200	199.00	101,982
1977	.....	.....	.....	.....	.....	350,480	1.40	488,950	206.00	100,533
1978	.....	.....	.....	.....	.....	355,460	1.30	461,100	206.00	94,853
1979 <sup>5</sup>	.....	.....	.....	.....	.....	389,320	1.56	607,470	211.00	128,048

<sup>1</sup>Price and value on f.o.b. basis.<sup>2</sup>Price and value at processing plant door.<sup>3</sup>In the shell.<sup>4</sup>Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.<sup>5</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 255.—Peas, green (for processing), commercial crop: Area, production, and value per ton, by States, 1977-78**

State	Area			Production <sup>2</sup>			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif .....	7,100	9,200	8,200	11,600	10,050	15,740	179.00	208.00	250.00
Colo .....	420	310	380	550	450	500	271.00	270.00	270.00
Del .....	8,700	8,500	8,400	11,950	10,650	10,420	231.00	224.00	213.00
Md .....	5,400	6,000	9,200	7,650	8,850	15,820	230.00	225.00	181.00
Mich .....	4,900	4,300	.....	6,700	5,300	.....	181.00	198.00	.....
Minn .....	65,600	67,900	73,000	100,400	82,850	111,690	201.00	218.00	220.00
N.Y .....	5,200	5,700	6,200	7,200	8,100	10,420	248.00	250.00	249.00
Oreg .....	27,700	36,900	42,000	23,000	45,400	44,940	194.00	150.00	169.00
Wash .....	69,000	75,000	80,200	106,250	118,500	137,940	202.00	204.00	222.00
Wis .....	107,500	97,000	109,600	146,200	108,650	177,550	204.00	202.00	197.00
Other States <sup>3</sup> .....	48,960	44,650	52,140	67,450	62,300	82,450	221.00	228.00	225.00
U.S .....	350,480	355,460	389,320	488,950	461,100	607,470	206.00	206.00	211.00

<sup>1</sup> Preliminary.<sup>2</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.<sup>3</sup> 1977—Idaho, Illinois, Iowa, Maine, Ohio, Pennsylvania, Utah, and Virginia; 1978—Idaho, Illinois, Iowa, Maine, Pennsylvania, Utah, and Virginia; 1979—Idaho, Illinois, Iowa, Maine, Michigan, Pennsylvania, Utah, and Virginia.

Economics, Statistics and Cooperatives Service—Crop Reporting Board.

**Table 256.—Peppers, green, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965-79<sup>1</sup>**

Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	45,530	85	3,891	9.82	38,222	1973 .....	47,930	99	4,738	13.90	65,739
1966 .....	48,470	83	4,024	10.20	41,227	1974 .....	48,840	108	5,251	14.50	76,290
1967 .....	46,990	92	4,328	10.60	45,892	1975 .....	50,480	101	5,106	16.80	84,892
1968 .....	51,620	95	4,916	10.50	51,538	1976 .....	53,750	98	5,255	16.80	88,248
1969 .....	51,600	85	4,361	12.10	52,721	1977 .....	55,900	95	5,333	16.40	87,637
1970 .....	47,660	81	3,872	11.70	45,278	1978 .....	53,000	97	5,158	19.40	100,264
1971 .....	48,900	88	4,072	12.30	50,215	1979 <sup>4</sup> .....	58,700	93	5,470	19.90	108,980
1972 .....	47,750	97	4,651	12.70	59,025						

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 96 in 1965 and 62 in 1966.<sup>3</sup> Price and value on f.o.b. basis.<sup>4</sup> Preliminary.

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## FOOTNOTES FOR TABLE 258

<sup>1</sup> Excludes 78,000 cwt. not marketed in 1967 and 1,869,000 cwt. in 1971. In 1966 includes 310,000 cwt. unharvested and/or not marketed which were excluded in computing price and value.<sup>2</sup> Obtained by weighting State prices by quantity sold.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 257.—Peppers, green commercial crop: Area, production, and value per hundredweight, by States, 1977-79<sup>1</sup>

Season and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
Winter:									
Fla .....	Acres 4,800	Acres 5,500	Acres 5,200	1,000 cwt. 264	1,000 cwt. 633	1,000 cwt. 702	Dollars per cwt. 29.10	Dollars per cwt. 20.70	Dollars per cwt. 24.10
Total .....	4,800	5,500	5,200	264	633	702	29.10	20.70	24.10
Spring:									
Calif .....	400	400	400	72	62	64	22.00	35.90	25.50
Fla .....	7,800	8,100	8,600	975	810	860	21.20	23.80	26.80
La .....	1,300	1,000	1,100	59	50	61	14.30	25.70	17.40
Tex .....	2,000	2,300	2,700	160	196	240	15.80	39.00	21.60
Total .....	11,500	11,800	12,800	1,266	1,118	1,225	20.20	27.20	25.20
Summer:									
Calif .....	3,700	3,500	4,500	777	700	765	12.20	14.30	11.00
Ky .....	3,000	2,200	3,400	228	152	248	7.71	8.36	7.56
Mich .....	1,400	1,500	1,500	105	117	113	17.50	20.10	26.60
N.J .....	7,100	5,100	6,900	462	357	380	17.40	16.00	17.60
N.C .....	7,000	6,700	7,000	259	248	259	12.10	20.30	15.10
Ohio .....	900	1,000	1,000	90	130	85	19.20	21.90	21.50
Tex .....	2,000	1,300	1,800	170	105	90	18.00	23.30	21.10
Total .....	25,100	21,300	26,100	2,091	1,809	1,940	13.90	16.40	14.20
Fall:									
Calif .....	3,700	3,700	3,500	740	740	665	13.10	13.50	12.70
Fla .....	5,200	4,300	4,100	598	452	472	16.40	20.90	31.70
N.J .....	1,100	900	1,200	77	59	60	13.80	14.70	14.40
Tex .....	4,500	5,500	5,800	297	347	406	15.90	19.60	22.80
Total .....	14,500	14,400	14,600	1,712	1,598	1,603	14.80	16.90	20.90
U.S .....	55,900	53,000	58,700	5,333	5,158	5,470	16.40	19.40	19.90

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 258.—Potatoes: Area, yield, production, and value, United States, 1965-79

Year	Area planted	Area harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per cwt. received by farmers <sup>2</sup>	Value of production
	1,000 acres	1,000 acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1965 .....	1,418.4	1,383.1	210	291,109	2.53	730,527
1966 .....	1,497.6	1,462.6	210	307,242	2.04	622,581
1967 .....	1,499.1	1,459.9	209	305,766	1.87	567,557
1968 .....	1,414.5	1,383.3	214	295,401	2.23	657,202
1969 .....	1,457.6	1,415.5	221	312,578	2.24	697,845
1970 .....	1,449.5	1,421.0	229	325,716	2.21	715,123
1971 .....	1,432.1	1,391.0	230	319,329	1.90	602,907
1972 .....	1,301.1	1,255.6	236	296,359	3.02	895,903
1973 .....	1,329.8	1,306.6	230	300,013	4.90	1,471,942
1974 .....	1,421.6	1,391.6	246	342,395	4.01	1,354,928
1975 .....	1,303.6	1,264.0	255	322,254	4.48	1,444,808
1976 .....	1,407.3	1,374.5	260	357,674	3.59	1,282,856
1977 .....	1,397.5	1,358.7	261	354,576	3.55	1,253,616
1978 .....	1,397.6	1,370.8	266	365,249	3.38	1,222,315
1979 <sup>3</sup> .....	1,317.2	1,278.9	272	347,648	3.47	1,204,171

See footnotes on page 180.

Table 259.—Potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1977-1979

Season and State	Area harvested			Production			Price for crop of—		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter:									
Calif .....	4.5	3.0	3.3	1,058	690	792	5.97	8.00	9.80
Fla .....	8.9	9.9	8.6	1,602	1,931	1,591	10.40	7.75	7.15
Total .....	13.4	12.9	11.9	2,660	2,621	2,383	8.69	7.81	8.01
Spring:									
Ala .....	10.5	9.5	7.3	1,260	950	1,022	9.90	12.00	5.80
Ariz .....	6.5	6.0	6.2	1,755	1,590	1,302	5.12	8.15	4.40
Calif .....	30.8	29.0	28.0	11,858	8,265	11,060	6.01	7.45	4.50
Fla:									
Hastings .....	19.5	20.6	18.5	4,290	3,502	4,255	5.22	5.24	4.15
Other .....	1.7	1.8	.9	315	225	162	8.80	8.25	8.65
La .....	2.3	2.3	2.1	173	173	147	5.80	5.70	6.10
Miss. <sup>2</sup> .....	1.3	1.2	.....	117	108	.....	5.80	7.00	.....
N.C .....	13.4	13.0	13.7	2,211	1,950	2,261	6.86	5.65	5.25
Tex .....	5.4	7.5	7.1	891	1,200	1,136	10.30	6.65	5.30
Total .....	91.4	90.9	83.8	22,870	17,963	21,345	6.23	7.07	4.65
Summer:									
Ala .....	7.5	8.0	9.0	750	1,200	1,530	8.25	11.80	3.95
Calif .....	8.4	7.9	7.7	3,024	2,844	2,695	5.35	7.05	4.70
Colo .....	6.8	6.8	6.9	1,802	1,734	1,898	3.30	3.50	3.05
Del .....	5.3	5.3	4.8	1,113	1,113	1,056	4.22	4.81	3.35
Ill .....	2.3	1.8	1.9	460	360	447	3.00	3.30	2.80
Ind .....	2.1	2.0	1.8	368	340	288	4.00	4.50	4.00
Iowa .....	2.1	1.5	1.1	473	300	231	4.20	4.00	3.80
Md .....	1.6	1.5	1.5	240	225	248	4.30	4.83	3.20
Mich .....	7.8	8.3	8.6	1,443	1,453	1,548	4.18	4.80	4.25
Minn .....	7.5	7.0	6.3	2,063	1,960	1,796	2.97	4.62	3.70
Nebr .....	2.1	1.8	1.5	315	288	270	4.05	4.15	4.45
N.J .....	8.1	8.2	8.5	2,147	2,091	2,125	4.14	3.85	4.00
N. Mex .....	2.9	3.8	4.4	551	779	1,210	3.50	5.00	3.25
N.C .....	4.0	4.0	3.9	500	500	468	5.85	9.02	5.20
Ohio .....	1.8	1.6	1.4	342	304	294	4.95	5.15	4.40
Tenn .....	4.5	4.4	4.3	405	396	387	7.75	7.25	7.95
Tex .....	10.3	11.0	10.9	2,369	2,310	2,616	6.98	8.56	5.55
Va .....	27.7	27.0	24.5	3,463	2,970	3,185	4.99	5.90	3.75
W. Va. <sup>3</sup> .....	2.4	.....	.....	154	.....	.....	5.70	.....	.....
Total .....	115.2	111.9	109.0	21,982	21,167	22,292	4.80	5.96	4.14
Fall:									
Calif .....	17.0	17.3	17.2	5,950	6,055	6,364	5.45	5.20	5.30
Colo .....	36.5	41.0	39.5	9,490	11,275	11,455	2.80	2.15	3.00
Conn .....	1.9	1.9	1.9	466	437	418	5.40	6.30	6.50
Idaho:									
10 S.W. counties .....	30.0	32.0	30.0	9,000	10,400	10,200	*2.95	*2.25	*3.20
Other counties .....	330.0	333.0	300.0	79,200	89,910	78,000	.....	.....	.....
Ind .....	4.7	3.9	4.2	1,128	936	1,071	4.75	3.90	4.30
Maine .....	118.0	118.0	115.0	28,320	25,960	28,750	3.36	3.86	4.10
Mass .....	3.7	3.6	3.4	888	810	748	5.40	6.30	6.50
Mich .....	32.0	34.0	32.0	8,800	8,500	8,000	4.13	4.53	4.30
Minn .....	72.0	71.0	68.0	12,960	14,910	12,920	2.74	2.71	2.65
Mont .....	8.4	8.7	7.5	2,016	2,088	1,800	4.75	4.00	4.40
Nebr .....	6.0	7.2	5.7	1,440	1,800	1,482	3.65	3.90	4.15
Nev .....	14.0	17.0	15.0	4,760	5,440	4,950	2.90	2.40	2.65
N.H. <sup>3</sup> .....	.3	.....	.....	71	.....	.....	6.10	.....	.....
N.Y.:									
Long Island .....	22.8	23.3	21.8	7,182	6,175	6,431	3.36	3.99	4.00
Upstate .....	20.6	25.0	23.5	5,356	6,500	6,463	4.83	4.99	4.75
N. Dak .....	135.0	128.0	114.0	21,600	22,400	18,240	2.70	2.60	2.80
Ohio .....	11.2	10.3	10.0	2,744	2,215	2,400	4.25	4.45	4.45
Oreg.:									
Malheur County .....	10.0	10.8	13.0	3,550	3,780	4,810	3.10	2.82	3.10
Other counties .....	50.0	56.8	50.0	22,000	24,708	20,500	2.85	2.75	2.60
Pa .....	25.5	25.0	24.0	6,375	6,250	6,000	4.70	4.85	4.85
R.I .....	4.1	4.1	3.9	943	984	897	3.90	4.50	4.90
S. Dak .....	5.9	7.0	6.5	1,062	1,190	1,203	3.05	3.03	3.00
Utah .....	5.9	4.6	5.2	1,416	1,127	1,300	3.04	4.10	4.30
Vt .....	1.0	.8	.7	235	176	147	5.80	6.80	7.00
Wash .....	110.0	109.0	103.0	50,600	50,685	48,925	2.80	2.45	2.35
Wis .....	55.0	55.0	54.0	18,038	17,325	17,010	3.95	4.13	4.00
Wyo .....	6.7	6.8	5.2	1,474	1,462	1,144	3.65	3.25	3.65
Total .....	1,138.7	1,155.1	1,074.2	307,064	323,498	301,628	3.19	2.93	3.28
U.S .....	1,358.7	1,370.8	1,278.9	354,576	365,249	347,648	3.55	3.38	3.47

Table 260.—Fall potatoes: Production and total stocks held by growers and local dealers, 23 States, <sup>1</sup>1966-79

Crop year	Production	Total stocks <sup>2</sup>				
		Dec. 1	Following year			
			Jan. 1	Feb. 1	Mar. 1	Apr. 1
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1966	228,442	153,550	128,050	103,630	79,632	.....
1967	243,849	161,500	139,170	112,640	86,465	.....
1968	234,832	152,810	130,350	104,995	81,940	.....
1969	252,561	162,800	138,140	111,510	87,620	.....
1970	267,827	175,145	150,030	122,230	96,780	.....
1971 <sup>3</sup>	266,707	176,390	151,435	124,375	98,485	.....
1972	249,320	158,565	134,420	107,310	83,380	58,250
1973	254,379	157,837	133,665	106,615	81,165	55,870
1974	289,342	187,935	163,095	133,425	104,116	75,905
1975	278,391	185,965	159,140	131,685	104,050	71,640
1976	307,427	201,980	174,775	143,925	114,140	81,875
1977	307,064	206,690	178,205	149,690	120,970	89,215
1978	323,498	223,290	196,080	164,666	133,247	99,808
1979 <sup>4</sup>	301,628	209,180	182,755	154,005	126,530	96,821

<sup>1</sup>Nevada production included beginning with the 1974 crop; Nevada stocks not included to avoid disclosures. New Hampshire included before 1978.

<sup>2</sup>See table 261 for States included.

<sup>3</sup>Beginning 1971, late summer production for New York (Long Island), Wisconsin, and Washington has been classified as "fall."

<sup>4</sup>Preliminary.

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Table 261.—Fall potatoes: Total stocks held by growers and local dealers, 23 States, crop of 1978 and 1979<sup>1</sup>

State	Crop of 1978					Crop of 1979 <sup>2</sup>				
	Dec. 1, 1978	Jan. 1, 1979	Feb. 1, 1979	Mar. 1, 1979	Apr. 1, 1979	Dec. 1, 1979	Jan. 1, 1980	Feb. 1, 1980	Mar. 1, 1980	Apr. 1, 1980
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Calif	4,000	3,300	2,500	1,900	1,400	4,150	3,650	2,800	2,100	1,500
Colo	8,300	7,150	5,750	4,650	3,350	8,150	7,000	5,500	4,250	3,100
Conn	260	(3)	(3)	(3)	(3)	235	(3)	(3)	(3)	(3)
Idaho	78,000	71,000	63,000	53,000	44,000	68,500	62,000	55,000	48,000	40,500
Ind	275	165	95	50	(3)	350	230	165	90	(3)
Maine	19,700	17,300	14,600	12,100	8,800	24,000	22,000	19,200	16,400	12,500
Mass	440	380	235	145	(3)	530	330	250	165	(3)
Mich	5,900	5,000	4,000	3,000	2,100	5,200	4,200	3,300	2,300	1,500
Minn	12,000	10,700	9,400	7,600	4,800	10,500	9,500	8,100	6,800	4,600
Mont	1,900	1,870	1,830	1,750	1,100	1,650	1,630	1,600	1,500	1,100
Nebr	1,300	1,100	950	770	500	1,200	950	800	650	450
N.Y.										
Long Island	3,000	2,250	1,200	600	200	3,300	2,400	1,500	1,000	450
Upstate	3,300	2,400	1,800	1,200	700	3,900	2,500	1,400	800	400
N. Dak	17,000	14,700	12,200	9,900	6,100	12,500	10,700	8,800	6,900	4,500
Ohio	950	700	500	300	150	1,250	850	630	420	210
Oreg	17,700	15,400	12,500	9,900	7,700	16,900	14,600	12,400	9,800	7,200
Pa	4,500	3,750	2,950	2,200	1,550	3,700	3,200	2,250	1,650	1,200
R.I.	(4)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
S. Dak	870	710	410	180	150	870	600	540	240	180
Utah	800	700	550	300	150	1,050	900	720	480	300
Vt	120	(3)	(3)	(3)	(3)	90	(3)	(3)	(3)	(3)
Wash	32,000	28,800	24,000	19,300	14,500	30,800	27,300	23,300	19,000	14,400
Wis	10,100	7,900	5,700	4,100	2,300	9,450	7,400	5,300	3,700	2,500
Wyo	790	560	390	260	150	870	630	340	230	150
Other States	85	245	106	42	108	35	185	110	55	81
23 State total	223,290	196,080	164,666	133,247	99,808	209,180	182,755	154,005	126,530	96,821

<sup>1</sup>Nevada not included to avoid disclosure.

<sup>2</sup>Preliminary.

<sup>3</sup>Stocks included in "Other States" total.

<sup>4</sup>Rhode Island stocks included in Connecticut.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 262.—Potatoes: Area, yield, and production in specified countries, 1977-79<sup>1</sup>

Continent and country	Area			Yield per hectare			Production		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada .....	112	111	114	22.2	22.3	22.0	2,488	2,476	2,508
Mexico .....	52	58	66	12.6	14.4	12.9	653	837	849
United States .....	550	555	519	29.2	30.0	30.4	16,083	16,567	15,800
Total .....	714	724	699	26.9	24.7	27.4	19,224	19,880	19,157
Europe:									
Belgium-Luxembourg .....	50	45	46	33.4	35.0	31.4	1,672	1,579	1,456
Denmark .....	38	34	32	25.1	29.7	28.1	954	1,009	900
France <sup>3</sup> .....	298	275	278	26.5	27.1	25.4	7,901	7,459	7,076
Germany, Fed. Rep. of .....	400	355	277	28.4	29.6	31.6	11,368	10,510	8,747
Ireland .....	53	41	41	26.4	26.3	26.1	1,400	1,086	1,060
Italy .....	185	172	168	17.0	16.3	16.1	3,146	2,801	2,700
Netherlands .....	170	162	166	33.8	38.5	37.1	5,752	6,231	6,150
United Kingdom .....	232	215	205	28.5	34.1	32.2	6,622	7,330	6,590
Total EC .....	1,426	1,299	1,213	27.2	29.3	28.6	38,815	38,005	34,679
Austria .....	60	57	59	22.5	24.6	23.4	1,352	1,401	1,368
Cyprus .....	9	7	8	23.4	24.6	23.9	211	166	191
Finland .....	46	44	43	16.0	16.8	17.9	736	746	770
Greece .....	60	56	56	15.3	16.1	17.2	920	908	953
Norway .....	28	25	22	23.2	24.9	24.1	651	624	580
Portugal .....	125	108	103	9.6	9.9	9.7	1,201	1,078	1,000
Spain .....	379	360	364	14.7	14.8	14.4	5,555	5,316	5,250
Sweden .....	44	45	41	29.1	29.8	29.7	1,279	1,339	1,210
Switzerland .....	23	23	23	34.8	43.0	42.2	800	989	970
Total Western Europe .....	774	725	719	16.4	17.3	17.1	12,705	12,562	12,242
Bulgaria .....	34	34	34	11.3	11.6	11.8	383	395	400
Czechoslovakia .....	237	221	215	16.0	17.5	17.7	3,785	3,863	3,800
German Dem. Rep .....	587	578	524	17.6	17.5	20.9	10,313	10,100	11,000
Hungary .....	99	94	85	13.5	16.9	16.0	1,335	1,584	1,360
Poland .....	2,437	2,360	2,441	16.9	19.8	20.5	41,148	46,648	50,032
Romania .....	275	251	251	15.3	17.8	17.9	4,207	4,465	4,500
Yugoslavia .....	315	298	310	9.6	8.4	8.4	3,034	2,501	2,600
Total Eastern Europe .....	3,984	3,836	3,860	16.1	18.1	19.1	64,205	69,556	73,692
Total Europe .....	6,184	5,859	5,792	18.7	20.5	20.8	115,725	120,123	120,613
Soviet Union .....	7,067	7,042	7,000	11.8	12.2	12.1	83,652	86,100	85,000
South America:									
Argentina .....	111	115	110	15.9	13.9	15.5	1,769	1,593	1,701
Bolivia .....	126	130	130	5.4	6.1	6.2	678	793	800
Brazil .....	197	199	199	9.6	9.7	9.6	1,891	1,930	1,910
Chile .....	86	91	81	10.8	10.8	9.5	928	980	771
Colombia .....	130	142	160	12.4	14.1	14.0	1,609	2,000	2,240
Ecuador .....	45	45	45	12.0	12.1	12.1	542	542	545
Peru .....	250	255	255	6.4	6.5	6.7	1,600	1,650	1,700
Uruguay .....	23	19	19	5.2	5.4	5.3	120	102	100
Venezuela .....	16	17	16	12.2	11.8	12.6	195	201	204
Total .....	984	1,013	1,015	9.5	9.6	9.8	9,332	9,791	9,971
North Africa:									
Algeria .....	70	70	70	7.1	7.4	7.1	500	520	500
Egypt .....	64	54	55	15.8	14.3	14.6	1,010	772	800
Morocco .....	28	28	24	16.0	14.0	14.2	449	385	340
Total .....	162	152	149	12.1	11.0	13.1	1,677	1,959	1,640
Asia:									
India .....	664	664	830	12.3	12.3	12.3	8,153	8,153	10,180
Israel .....	7	6	5	31.6	30.0	30.0	221	180	150
Japan .....	131	128	125	26.9	25.9	26.3	3,520	3,316	3,286
Total .....	802	798	960	14.8	12.1	14.2	11,894	11,649	13,616
Oceania:									
Australia .....	34	36	36	21.4	21.4	21.4	728	772	760
Grand total .....	15,947	15,624	15,651	15.2	15.9	16.0	242,514	249,992	250,757



Table 263.—Potatoes: Production, seed used, and disposition, United States, 1969-78

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1969 .....	312,578	24,492	9,959	22,657	279,962
1970 .....	325,716	24,555	9,957	23,850	291,909
1971 .....	319,329	22,290	8,927	27,909	282,493
1972 .....	296,359	23,556	7,913	19,996	268,450
1973 .....	300,013	25,257	6,516	18,376	275,121
1974 .....	342,395	28,855	6,522	32,496	303,377
1975 .....	322,254	25,643	6,612	22,181	293,461
1976 .....	357,674	25,528	6,797	26,212	324,665
1977 .....	354,576	25,901	6,756	31,018	316,802
1978 <sup>1</sup> .....	365,249	24,751	6,350	34,273	324,626

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 264.—Potatoes: Utilization, United States, crop years 1972-78

Item	1972	1973	1974	1975	1976	1977	1978 <sup>1</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>SALES</b>							
Table stock .....	111,717	107,550	125,624	114,358	123,124	116,549	110,033
For processing:							
Chips and shoestring .....	34,578	34,485	32,777	34,107	34,583	36,947	38,796
Dehydration .....	27,450	31,407	34,660	33,821	40,354	32,783	33,335
Frozen french fries .....	56,126	60,349	69,206	70,641	79,654	79,949	79,716
Other frozen products .....	7,901	9,564	9,218	9,334	12,872	14,597	15,617
Canned potatoes .....	2,118	2,664	2,561	1,946	1,914	2,797	2,621
Other canned products (hash, stews, soups) .....	2,183	2,544	2,052	2,075	2,557	2,477	2,137
Starch and flour .....	3,363	2,731	3,683	2,182	2,813	2,355	3,053
<b>Total</b> .....	<b>133,719</b>	<b>143,744</b>	<b>154,157</b>	<b>154,106</b>	<b>174,747</b>	<b>171,905</b>	<b>175,275</b>
<b>Other sales:</b>							
Livestock feed .....	5,025	3,707	4,154	4,300	6,824	7,894	7,173
Seed .....	17,989	20,120	19,442	20,697	20,470	20,954	20,105
<b>Total</b> .....	<b>23,014</b>	<b>23,827</b>	<b>23,596</b>	<b>24,997</b>	<b>26,794</b>	<b>28,348</b>	<b>39,318</b>
<b>Total sales</b> .....	<b>268,450</b>	<b>275,121</b>	<b>303,377</b>	<b>293,461</b>	<b>324,665</b>	<b>316,802</b>	<b>324,626</b>
<b>NON-SALES</b>							
Seed used on farms where grown .....	5,567	5,137	4,413	4,946	5,058	4,947	4,646
Household use and used for feed .....	2,346	1,379	2,109	1,666	1,739	1,809	1,704
Shrinkage and loss .....	19,996	18,376	32,496	22,181	26,212	31,018	34,273
<b>Total non-sales</b> .....	<b>27,909</b>	<b>24,892</b>	<b>39,018</b>	<b>28,793</b>	<b>33,009</b>	<b>37,774</b>	<b>40,623</b>
<b>Total production</b> .....	<b>296,359</b>	<b>300,013</b>	<b>342,395</b>	<b>322,254</b>	<b>357,674</b>	<b>354,576</b>	<b>365,249</b>

<sup>1</sup> Preliminary.

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## FOOTNOTES FOR TABLE 259

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued after 1978 crop.<sup>3</sup> Estimates discontinued after 1977 crop.<sup>4</sup> Season average price for all areas.

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## FOOTNOTES FOR TABLE 262

<sup>1</sup> Years shown refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere.<sup>2</sup> Preliminary.<sup>3</sup> Excluding home gardens.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 265.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1978

Season and State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
Winter:	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Calif .....	690	56	.....	35	655
Fla .....	1,981	287	.....	12	1,919
Total .....	2,621	343	.....	47	2,574
Spring:					
Ala .....	950	143	1	14	935
Ariz .....	1,590	90	4	32	1,554
Calif .....	8,265	510	18	165	8,082
Fla.: Hastings .....	3,502	412	1	11	3,490
Other .....	225	20	.....	2	223
La .....	173	18	6	9	158
Miss .....	108	12	25	2	81
N.C .....	1,950	186	62	59	1,829
Tex .....	1,200	101	27	18	1,155
Total .....	17,963	1,492	144	312	17,507
Summer:					
Ala .....	1,200	112	15	48	1,137
Calif .....	2,844	142	14	57	2,778
Colo .....	1,734	149	23	92	1,619
Del .....	1,113	75	3	45	1,065
Ill .....	360	32	12	9	339
Ind .....	340	29	7	20	313
Iowa .....	300	21	18	15	267
Md .....	225	21	6	6	213
Mich .....	1,453	178	75	73	1,305
Minn .....	1,960	102	6	94	1,860
Nebr .....	288	20	14	26	248
N.J .....	2,091	155	8	73	2,010
N. Mex .....	779	72	8	47	724
N.C .....	500	47	84	18	398
Ohio .....	304	25	5	9	290
Tenn .....	396	47	39	14	343
Tex .....	2,310	137	4	81	2,225
Va .....	2,970	319	106	104	2,760
W. Va. <sup>1</sup> .....	.....	.....	.....	.....	.....
Total .....	21,167	1,683	447	831	19,889
Fall: <sup>2</sup>					
Calif .....	6,055	344	60	606	5,389
Colo .....	11,275	860	573	911	9,791
Conn .....	437	36	5	17	415
Idaho .....	100,310	6,630	1,463	10,395	88,452
Ind .....	936	97	6	62	868
Maine .....	25,960	2,668	1,250	3,067	21,643
Mass .....	810	72	9	60	741
Mich .....	8,500	614	193	913	7,394
Minn .....	14,910	1,029	270	1,566	13,074
Mont .....	2,088	133	167	170	1,751
Nebr .....	1,800	110	130	293	1,377
Nev .....	5,440	300	.....	653	4,787
N.H. <sup>1</sup> .....	.....	.....	.....	.....	.....
N.Y.: Long Island .....	6,175	429	11	494	5,670
Upstate .....	6,500	612	145	650	5,705
N.Dak .....	22,400	1,755	448	3,360	18,592
Ohio .....	2,215	182	13	117	2,085
Oreg.: Malheur County .....	3,780	257	10	363	3,407
Other counties .....	24,708	1,014	38	2,792	21,878
Pa .....	6,250	455	181	406	5,663
R.I .....	984	76	5	73	906
S.Dak .....	1,190	78	13	95	1,082
Utah .....	1,127	108	18	107	1,002
Vt .....	176	14	6	15	155
Wash .....	50,685	2,100	450	4,134	46,101
Wis .....	17,325	1,144	220	1,559	15,546
Wyo .....	1,462	116	75	205	1,182
Total .....	323,498	21,233	5,759	33,083	284,656
U.S .....	365,249	24,751	6,350	34,273	324,626

<sup>1</sup> Discontinued after 1977 crop.<sup>2</sup> Preliminary.

Table 266.—Potatoes, white: United States exports by country of destination and imports by country of origin, 1976-78

Item and country	Year beginning October			Item and country	Year beginning October		
	1976	1977	1978		1976	1977	1978
<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<b>EXPORTS—continued</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Bermuda and Caribbean—continued			
Belgium and Luxembourg .....	26,459			Leeward and Windward Islands .....	457	326	465
France .....	141,921			Netherlands Antilles .....	1,984	556	634
Germany, Fed. Rep. of .....	4,019	97		Trinidad and Tobago .....	5,033	48	87
Italy .....	10,569			Other countries .....	3		
Malta-Gozo .....	600			Total .....	14,755	3,877	4,324
Netherlands .....	27,064		17				
Portugal .....	4,696			Other countries:			
Sweden .....	1,444	156	1,017	Algeria .....	22,124	17,267	
United Kingdom .....	401			Canada .....	193,334	127,748	108,946
Other countries .....	79	7		Egypt .....	3,207		
Total .....	217,252	260	1,034	French Pacific Islands .....	112	42	39
				Guinea .....	101	24	14
Latin America:				Hong Kong .....	589	156	223
Argentina .....			5,797	Japan .....		22	2
Chile .....			4,105	Other Pacific Islands .....			18
Mexico .....	11,018	11,590	4,379	Saudi Arabia .....	76	52	51
Nicaragua .....	91		17	Singapore .....	571	29	18
Panama .....	151	88	98	Tunisia .....	1,070		
Surinam .....	306	5	16	Total .....	221,689	140,721	109,658
Uruguay .....	2,458			Grand total .....	467,748	156,565	129,547
Total .....	14,052	11,707	14,531				
Bermuda and Caribbean:				<b>IMPORTS</b>			
Bahamas .....	2,364	2,091	1,799	Certified seed:			
Barbados .....	1,546	110	253	Canada .....	11,684	30,238	27,751
Bermuda .....	647	392	516	Other potatoes:			
Cayman Islands .....	226	183	142	Canada .....	24,941	41,038	34,234
Dominican Republic .....	1,498		37				
French West Indies .....	977	88	391				
Jamaica .....	20	83					

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 267.—Potatoes: Foreign trade, United States, 1965-78

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1965 .....	1,129	2,855	1970 .....	1,230	2,928	1975 .....	691	9,317
1966 .....	2,743	2,247	1971 .....	1,098	3,241	1976 .....	806	11,617
1967 .....	1,283	3,592	1972 .....	759	4,430	1977 .....	980	3,630
1968 .....	2,636	2,569	1973 .....	1,874	4,975	1978 .....	617	3,025
1969 .....	1,846	2,971	1974 .....	1,453	4,545			

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

**Table 268.—Spinach, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1977-1979**

Utilization, season, and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
<b>FOR FRESH MARKET<sup>2</sup></b>									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Calif .....	800	800	900	132	116	149	14.20	21.00	19.90
Tex .....	2,200	2,700	3,400	128	189	160	21.70	16.80	30.40
Total .....	3,000	3,500	4,300	260	305	309	17.90	18.40	25.30
Spring:									
Calif .....	700	800	900	112	120	144	10.90	24.10	17.40
Md. and Va .....	1,880	1,730	1,820	73	61	75	20.00	27.90	23.20
N.J. ....	560	540	700	41	39	49	17.70	41.10	30.20
Total .....	3,140	3,070	3,420	226	220	268	15.10	28.20	21.40
Summer:									
Calif .....	600	650	700	87	101	116	15.90	17.70	19.50
Colo .....	860	850	1,100	60	63	66	22.60	28.80	30.00
Total .....	1,460	1,500	1,800	147	164	182	18.60	22.00	23.30
Fall:									
Calif .....	700	800	650	105	108	94	12.80	15.00	19.30
N.J. ....	420	410	600	27	35	39	30.20	22.10	48.60
Tex .....	1,200	1,400	2,700	47	42	86	16.80	23.80	30.00
Total .....	2,320	2,610	3,950	179	185	219	16.50	18.30	28.70
U. S .....	9,920	10,680	13,470	812	874	978	16.90	21.50	24.60
<b>FOR PROCESSING</b>									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif .....	1,000	8,000	10,400	91,900	71,050	102,030	78.00	75.40	81.70
Other States <sup>3</sup> .....	4,000	4,900	3,760	20,450	23,500	16,330	78.00	85.00	95.20
Total .....	13,000	12,900	14,160	112,350	94,550	118,360	66.50	77.80	83.60
Spring:									
Ark .....	2,100	1,400	.....	9,800	8,400	.....	80.70	80.40	.....
Okl .....	1,800	1,700	.....	8,100	9,200	.....	80.00	80.30	.....
Other States <sup>4</sup> .....	2,260	1,360	3,930	14,550	7,650	17,370	69.60	79.70	92.80
Total .....	6,160	4,460	3,930	32,450	25,250	17,370	75.60	80.20	92.80
Fall:									
Ark .....	240	400	.....	1,100	1,450	.....	90.00	81.40	.....
Okl .....	180	440	.....	750	1,750	.....	90.70	80.00	.....
Other States <sup>5</sup> .....	1,030	1,780	2,690	7,050	12,050	18,670	72.80	82.30	95.60
Total .....	1,450	2,620	2,690	8,900	15,250	18,670	76.40	82.00	95.60
U. S .....	20,610	19,980	20,780	153,700	135,050	154,400	69.00	78.70	86.10
Grand total .....	30,530	30,660	34,250	194,300	178,750	203,300	125.00	165.00	184.00

<sup>1</sup> Preliminary.<sup>2</sup> Includes small quantities used for processing except in States for which processing estimates are made separately.<sup>3</sup> 1977-78 Florida and Texas; 1979—Florida, Maryland, and Texas.<sup>4</sup> 1977—Idaho, Maryland, New York Tennessee, Virginia, Washington, and Wisconsin; 1978—Maryland, New York, Tennessee, Virginia, Washington, and Wisconsin; 1979—Arkansas, Delaware, Maryland, New Jersey, Oklahoma, Tennessee, Virginia, Washington and Wisconsin.<sup>5</sup> 1977—California, Tennessee, Virginia, and Washington; 1978—California, Tennessee, Virginia, and Washington; 1979—Arkansas, California, Delaware, Maryland, Oklahoma, Tennessee and Washington.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

FOOTNOTES FOR TABLE 271

<sup>1</sup> Average during the year.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



**Table 269.—Spinach, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965–79**

Year	For fresh market <sup>1</sup>					For processing				
	Area harvested	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Area harvested	Yield per acre	Production <sup>2</sup>	Value <sup>4</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	16,950	58	989	8.01	7,917	21,400	5.82	124,600	39.90	4,972
1966 .....	16,500	52	863	9.12	7,870	24,820	5.88	145,870	41.40	6,035
1967 .....	15,900	55	882	9.81	8,651	26,990	5.80	156,590	40.50	6,337
1968 .....	13,350	59	786	10.40	8,217	25,240	6.08	153,430	41.50	6,375
1969 .....	11,360	53	606	10.90	6,563	22,990	5.90	135,750	42.50	5,773
1970 .....	11,700	52	611	11.40	6,946	25,100	6.02	151,050	42.60	6,439
1971 .....	11,430	55	633	13.60	8,611	25,440	6.29	160,050	43.30	6,930
1972 .....	10,080	59	594	14.80	8,759	26,760	6.13	164,150	44.90	7,363
1973 .....	10,680	59	628	14.50	9,072	26,940	6.33	170,450	49.90	8,507
1974 .....	9,660	63	607	15.00	9,076	25,050	6.96	174,300	56.80	9,297
1975 .....	8,990	70	629	16.40	10,305	23,340	6.82	159,250	64.60	10,285
1976 .....	8,960	76	685	17.80	12,224	22,170	7.27	161,100	65.60	10,569
1977 .....	9,920	82	812	16.90	13,746	20,610	7.46	153,700	69.00	10,600
1978 .....	10,680	82	874	21.50	18,805	19,980	6.76	135,050	78.70	10,629
1979 <sup>5</sup> .....	13,470	73	978	24.60	24,085	20,780	7.43	154,400	86.10	13,287

<sup>1</sup>Includes small quantities used for processing except in the States for which processing estimates are made.<sup>2</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight); 600 tons for processing in 1965, 10 in 1974. <sup>3</sup>Price and value on f.o.b. basis. <sup>4</sup>Price and value at processing plant door. <sup>5</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 270.—Sweetpotatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1965–79**

Year	Area harvested	Yield per acre	Production	Price <sup>1</sup>	Value of production	Year	Area harvested	Yield per acre	Production	Price <sup>1</sup>	Value of production
	<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	168.1	92	15,469	4.22	65,472	1973 .....	111.6	109	12,156	7.32	89,163
1966 .....	154.4	89	13,669	4.56	62,554	1974 .....	118.1	113	13,339	7.34	98,228
1967 .....	139.5	97	13,486	4.48	60,412	1975 .....	116.9	113	13,225	8.58	113,394
1968 .....	135.2	99	13,378	4.89	65,562	1976 .....	117.8	114	13,432	7.48	100,059
1969 .....	136.4	103	14,070	4.18	59,346	1977 .....	112.4	110	12,395	10.50	129,592
1970 .....	127.3	103	13,164	4.38	57,760	1978 .....	120.6	119	14,301	10.50	150,873
1971 .....	112.6	102	11,494	5.22	60,127	1979 <sup>2</sup> .....	125.6	115	14,421	8.63	125,706
1972 .....	113.3	107	12,170	5.73	69,969						

<sup>1</sup>Obtained by weighting State prices by quantity sold.<sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 271.—Taro: Area, yield, production, price, and value, Hawaii, 1965–79**

Year	Area harvested <sup>1</sup>	Yield per harvested acre	Production	Price per pound	Value of production	Year	Area harvested <sup>1</sup>	Yield per harvested acre	Production	Price per pound	Value of production
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	440	21.5	9,480	0.060	573	1973 .....	460	18.4	8,478	0.084	798
1966 .....	400	22.5	8,990	.062	561	1974 .....	460	19.2	8,835	.102	900
1967 .....	400	20.4	8,155	.071	579	1975 .....	465	16.3	7,592	.112	851
1968 .....	420	21.8	9,140	.074	676	1976 .....	460	16.0	7,350	.121	889
1969 .....	420	20.5	8,605	.078	671	1977 .....	470	16.7	7,870	.127	999
1970 .....	470	18.2	8,555	.086	736	1978 .....	450	17.1	7,680	.130	1,001
1971 .....	480	18.4	8,840	.089	787	1979 <sup>2</sup> .....	405	16.4	6,640	.164	1,089
1972 .....	460	19.6	9,020	.084	758						

See footnotes on page 188.

Table 272.—Sweetpotatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1977-79

State	Area harvested			Production			Price for crop of—		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Ala .....	5.3	5.5	5.7	451	550	627	12.90	14.80	12.20
Ark .....	1.6	1.6	1.6	122	126	120	9.35	14.70	8.60
Calif .....	7.8	8.7	9.5	1,170	1,392	1,568	16.90	14.50	14.80
Ga .....	5.5	6.0	6.0	495	660	690	14.10	12.90	11.80
La .....	27.0	28.0	28.0	2,430	2,660	2,660	7.27	7.72	4.80
Md .....	1.6	1.4	1.4	248	224	217	10.60	8.15	8.00
Miss .....	8.0	9.0	8.8	680	792	792	9.20	10.50	9.50
N.J. ....	2.4	2.6	2.7	252	286	311	14.60	14.00	13.70
N.C. ....	38.0	37.0	41.0	4,455	5,180	4,920	9.20	9.57	5.70
S.C. ....	2.3	2.4	2.8	209	252	280	12.10	12.00	12.30
Tenn .....	2.8	2.8	2.8	280	280	284	9.70	9.65	11.10
Tex .....	9.5	9.5	9.4	903	1,045	1,175	14.80	14.30	14.50
Va .....	5.6	6.1	5.9	700	854	767	8.65	8.50	7.30
U.S. ....	112.4	120.6	125.6	12,395	14,301	14,421	10.50	10.50	8.63

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 273.—Sweetpotatoes: Production, seed used, and disposition, United States, 1969-78

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1969 .....	14,070	771	1,642	821	11,607
1970 .....	13,164	685	1,520	701	10,943
1971 .....	11,494	680	1,309	562	9,623
1972 .....	12,170	707	1,223	546	10,401
1973 .....	12,156	805	1,323	648	10,185
1974 .....	13,339	808	1,298	696	11,345
1975 .....	13,225	726	1,317	662	11,246
1976 .....	13,432	706	1,327	984	11,121
1977 .....	12,395	795	1,318	577	10,500
1978 .....	14,301	782	1,478	686	12,137

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 274.—Sweetpotatoes: Production, seed used, and disposition, by States, crop of 1978

State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Ala .....	550	23	92	36	422
Ark .....	126	8	34	7	85
Calif .....	1,392	48	48	70	1,274
Ga .....	660	16	45	46	569
La .....	2,660	196	216	106	2,338
Md .....	224	8	10	9	205
Miss .....	792	50	88	45	659
N.J. ....	286	16	11	27	248
N.C. ....	5,180	252	689	218	4,273
S.C. ....	252	13	36	7	209
Tenn .....	280	16	49	13	218
Tex .....	1,045	85	96	58	891
Va .....	854	51	64	44	746
U.S. ....	14,301	782	1,478	686	12,137

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 275.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965-79

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
1965 .....	152,180	134	20,420	9.45	192,990	257,520	17.13	4,411,340	37.20	163,936
1966 .....	150,650	135	20,326	9.39	190,840	299,830	15.55	4,662,270	35.70	166,402
1967 .....	148,450	138	20,555	9.51	195,553	327,060	15.87	5,189,550	42.80	222,061
1968 .....	143,110	136	19,446	11.60	224,921	370,550	18.80	6,967,600	40.20	280,429
1969 .....	147,580	130	19,249	11.60	222,983	266,590	18.39	4,901,650	34.70	170,270
1970 .....	147,100	124	18,234	11.20	204,609	245,090	20.64	5,058,950	34.00	171,857
1971 .....	136,360	131	17,827	13.90	247,511	258,130	21.37	5,515,550	35.50	195,738
1972 .....	145,170	137	19,925	14.80	295,582	265,020	21.90	5,803,700	35.20	204,366
1973 .....	138,990	141	19,556	16.00	312,217	295,100	20.11	5,934,550	42.00	249,085
1974 .....	124,160	162	20,081	17.30	347,415	337,700	20.79	7,019,850	64.50	453,022
1975 .....	124,330	168	20,945	18.60	390,353	334,250	22.13	8,508,750	63.20	537,438
1976 .....	127,820	170	21,730	19.20	418,163	308,960	20.95	6,471,750	58.00	375,407
1977 .....	124,320	159	19,779	20.70	408,451	346,660	22.44	7,779,150	64.10	498,372
1978 .....	129,540	171	22,132	19.60	434,847	295,560	21.54	6,367,700	64.20	408,950
1979 <sup>4</sup> .....	128,310	174	22,320	23.20	517,769	311,730	28.52	7,331,400	67.60	495,560

<sup>1</sup>For fresh market, excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 56 in 1965, 406 in 1966, 1 in 1967, 100 in 1970, 19 in 1973, and 44 in 1977. For processing, excluding 90,000 tons not marketed in 1965 and 200,000 tons in 1976. In 1968, includes some quantities not delivered because of economic conditions.

<sup>2</sup>Price and value on f.o.b. basis.

<sup>3</sup>Price and value at processing plant door.

<sup>4</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 276.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1977-79

Utilization, season, and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
FOR FRESH MARKET									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Fla .....	7,300	12,800	12,300	cut. 1,059	cut. 2,240	cut. 2,583	per cut. 25.70	per cut. 18.00	per cut. 23.30
Total .....	7,300	12,800	12,300	1,059	2,240	2,583	25.70	18.00	23.30
Spring:									
Ala .....	2,200	2,100	2,100	132	126	141	26.00	43.40	38.90
Ark .....	3,400	2,700	2,800	306	216	336	17.50	26.00	30.30
Calif:									
Desert .....	2,300	2,000	2,000	403	470	340	16.10	27.70	27.70
Other .....	1,900	1,900	2,100	285	380	494	22.60	39.90	25.90
Fla .....	16,400	16,700	15,700	3,526	3,925	4,475	19.10	22.90	23.70
La .....	670	520	420	70	47	40	17.40	28.70	31.30
S.C. <sup>2</sup> .....	7,000	6,000	5,800	700	690	696	12.00	15.60	19.00
Tex .....	2,600	2,700	2,900	200	135	148	21.80	19.50	19.20
Total .....	36,470	34,620	33,820	5,622	5,989	6,670	18.30	24.00	24.20
Summer:									
Ala .....	5,000	5,000	5,000	350	300	335	29.30	34.30	34.40
Ark .....	400	400	300	36	50	66	22.90	21.00	24.50
Calif:									
Other .....	14,700	15,600	16,300	4,043	4,368	3,749	21.60	16.60	17.30
Ga .....	13,100	2,300	2,300	186	168	186	17.20	20.20	22.80
Ind .....	1,600	1,900	1,900	216	238	266	15.30	17.50	17.50
Ky. <sup>3</sup> .....	450			52			20.10		
Md .....	2,300	2,400	2,500	212	204	225	13.20	10.40	18.80
Mass .....	660	670	620	125	141	118	20.40	21.80	24.60
Mich .....	4,100	3,900	3,700	390	371	370	22.90	18.70	25.10
N.J. ....	6,500	6,600	6,600	553	528	528	22.70	19.60	27.60
N.Y. ....	3,000	3,000	3,000	279	330	390	21.20	20.20	25.50
N.C. ....	2,000	2,000	1,700	280	270	238	17.00	14.60	19.10
Ohio .....	900	800	700	95	112	112	25.00	23.90	27.20
Pa .....	2,300	2,100	2,200	299	294	286	10.50	20.70	20.00
S.C. ....	1,300	2,100	2,200	105	206	264	14.70	14.70	19.20
Tenn .....	2,600	2,900	3,000	312	334	300	26.60	26.30	23.20
Tex .....	3,600	3,000	2,800	281	270	294	17.60	17.70	20.40
Va .....	2,400	2,500	2,600	312	350	325	14.40	14.10	17.80
Total .....	56,910	57,170	57,420	8,126	8,534	8,052	20.70	18.10	20.50
Fall:									
Ala .....	300	500	600	21	30	40	28.10	15.70	31.70
Calif:									
Other .....	10,700	11,300	11,900	2,461	2,317	2,142	22.70	17.50	23.00
Fla .....	12,000	12,800	11,700	2,400	2,944	2,750	21.20	17.90	28.50
Tex .....	400	100	300	30	8	21	25.00	15.80	19.00
Total .....	23,400	24,700	24,500	4,912	5,299	4,953	22.00	17.70	26.10
All groups .....	124,080	129,290	128,040	19,719	22,062	22,258	20.60	19.60	23.20
Hawaii .....	240	250	270	60	70	62	30.80	28.60	33.30
U.S. ....	124,320	129,540	128,310	19,779	22,132	22,320	20.70	19.60	23.20

See footnotes at end of table.



Table 276.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1977-79—Continued

Utilization, season, and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
FOR PROCESSING									
Calif. <sup>2</sup>	276,400	231,900	250,000	6,669,550	5,289,650	6,350,000	63.90	63.70	67.50
Colo	640	760	750	7,000	11,600	8,100	63.70	63.00	64.60
Ind	12,500	9,500	9,800	173,100	200,050	144,550	66.70	68.50	72.70
Md	4,000	3,900	2,800	45,950	43,950	35,900	64.30	66.80	60.70
Mich	4,100	4,500	6,100	63,500	81,200	113,520	65.80	67.30	68.30
N.J.	8,000	7,200	7,000	121,200	92,850	98,000	63.00	65.00	70.20
N. Mex	900	600	.....	9,900	4,800	.....	75.00	75.00	.....
Ohio	21,200	19,700	18,700	422,750	398,350	349,320	66.00	67.80	67.80
Pa	5,800	3,900	4,400	114,250	76,100	73,260	62.00	64.00	65.80
Tex	2,000	2,500	2,000	20,400	21,550	17,400	64.60	68.30	62.10
Va	3,600	3,800	3,600	29,050	40,000	42,950	70.60	67.40	70.40
Other States <sup>4</sup>	7,520	7,300	6,580	102,500	107,600	98,400	61.70	62.50	65.90
U.S.	346,660	295,560	311,730	7,779,150	6,367,700	7,331,400	64.10	64.20	67.60
Grand total	470,980	425,100	440,040	8,768,100	7,474,300	8,447,400	103.00	113.00	120.00

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions: 44,000 cwt. fresh market in 1977 in South Carolina.<sup>3</sup> Estimates discontinued in 1978.<sup>4</sup> 1977—Delaware, Florida, Illinois, Iowa, Kentucky, Louisiana, New York, North Carolina, Utah, and West Virginia; 1978—Arkansas, Delaware, Florida, Illinois, Iowa, Kentucky, New York, North Carolina, Utah, and West Virginia; 1979—Delaware, Florida, Illinois, Iowa, Kentucky, New Mexico, New York, North Carolina, Utah, and West Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 277.—Tomatoes: Foreign trade, United States, 1965-78

Year beginning July	Imports			Domestic exports				
	Fresh	Canned <sup>1</sup>	Paste	Fresh	Canned <sup>2</sup>	Catsup and sauces	Paste <sup>2</sup>	Juice
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1965	341,124	102,692	38,649	99,550	11,639	17,057	11,524	21,084
1966	382,752	111,550	78,975	96,014	10,741	12,721	8,436	19,201
1967	363,814	158,009	175,010	89,845	6,609	9,591	6,473	17,284
1968	467,129	117,175	128,225	99,530	10,105	10,752	7,946	13,621
1969	630,122	111,656	84,120	92,176	17,835	12,546	17,067	11,747
1970	583,828	143,158	114,663	105,660	18,358	10,290	8,277	14,709
1971	585,240	138,106	107,031	119,802	17,202	12,389	6,755	10,794
1972	739,170	126,287	127,941	147,574	22,701	15,200	10,617	18,316
1973	611,481	72,395	82,714	153,183	25,401	16,538	45,286	11,413
1974	543,734	64,774	25,811	194,183	23,015	19,049	44,535	23,442
1975	629,975	76,531	30,925	199,072	34,293	39,283	24,945	38,094
1976	791,134	74,505	73,957	178,395	24,199	14,967	20,937	48,524
1977	828,748	75,873	56,538	199,556	26,457	16,563	31,636	37,582
1978	710,578	56,944	47,295	239,718	29,564	17,019	23,568	28,742

<sup>1</sup> Includes "otherwise prepared," if any.<sup>2</sup> Includes exports for military-civilian feeding abroad.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 278.—Watermelons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965–79

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	286,320	103	29,603	1.60	47,316	1973 .....	240,400	109	26,170	2.95	77,186
1966 .....	275,640	103	28,436	1.87	53,175	1974 .....	212,700	108	23,034	3.81	87,726
1967 .....	273,260	102	27,790	2.10	58,279	1975 .....	210,700	113	23,904	4.00	95,711
1968 .....	283,880	97	27,616	1.88	51,533	1976 .....	234,200	111	25,910	3.25	84,274
1969 .....	272,400	95	25,950	2.05	53,268	1977 .....	227,400	119	27,020	3.43	92,809
1970 .....	266,200	103	27,373	2.21	60,404	1978 .....	218,200	118	25,702	3.98	102,226
1971 .....	252,400	107	27,094	2.51	67,892	1979 <sup>3</sup> .....	208,800	116	24,126	4.60	110,988
1972 .....	267,600	94	25,280	2.50	63,173						

<sup>1</sup>Excludes the following quantities not harvested or marketed because of economic conditions (1,000 hundredweight): 37 in 1965, 590 in 1966, and 90 in 1968.

<sup>2</sup>Price and value on f.o.b. basis.

<sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 279.—Watermelons, commercial crop: Area, production, and value per hundredweight, by States, 1977–79

Season and State	Area			Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Spring:									
Ala .....	3,500	3,500	4,500	245	224	450	3.85	3.80	6.50
Ariz .....	1,200	1,900	2,000	180	285	260	5.70	8.19	5.30
Calif.: .....									
Desert .....	3,500	3,700	3,900	683	796	683	5.30	8.51	7.02
Fla .....	51,000	50,000	43,000	8,925	8,000	6,450	2.97	3.35	5.00
Ga .....	14,200	7,500	10,500	1,207	705	1,155	2.80	3.80	3.00
Tex .....	28,000	24,000	23,000	2,772	1,800	2,070	4.52	5.24	4.90
Total .....	101,400	90,600	86,900	14,012	11,810	11,068	3.43	4.14	4.97
Summer:									
Ala .....	11,000	11,500	10,500	715	690	662	3.35	2.90	5.03
Ariz .....	2,600	1,900	4,300	416	285	581	4.90	5.51	3.77
Ark .....	3,600	3,600	3,300	256	360	314	3.70	3.50	3.30
Calif.: .....									
Desert .....	700	500	900	133	83	207	5.20	6.30	5.20
Other .....	5,900	8,200	8,900	1,564	2,460	2,225	5.23	5.46	5.11
Del .....	1,900	1,900	1,900	285	314	266	3.59	3.88	5.19
Ga .....	14,400	21,000	16,900	1,066	1,995	1,538	2.40	2.50	2.76
Ind .....	5,000	5,500	5,000	750	798	750	5.00	5.34	4.50
Md .....	2,700	2,700	2,700	419	446	378	3.59	3.88	5.19
Miss .....	12,000	12,000	11,500	804	1,140	1,035	2.12	3.21	3.92
Mo .....	4,200	4,400	4,100	525	484	574	3.00	3.00	3.25
N.C .....	7,000	7,400	7,400	385	422	414	3.34	3.17	4.00
Oklahoma .....	7,000	7,000	7,500	770	455	450	2.60	4.68	3.80
S.C .....	18,000	15,000	14,000	1,170	1,335	1,134	2.50	2.35	3.35
Tex .....	30,000	25,000	23,000	3,750	2,625	2,530	3.26	4.06	5.13
Total .....	126,000	127,600	121,900	13,008	13,892	13,058	3.44	3.84	4.29
U.S. ....	227,400	218,200	208,800	27,020	25,702	24,126	3.43	3.98	4.60

<sup>1</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 280.—Vegetables and melons: Unloads at 8 markets, by commodities, 1979<sup>1</sup>

Commodity	Boston			New York <sup>3</sup>			Philadelphia			Baltimore <sup>4</sup>		
	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total
Vegetables:	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Beans (snap, lima, and fava) .....	97	97	8	234	242	.....	89	89	.....	61	61	61
Cabbage .....	485	485	15	677	692	1	448	449	.....	344	344	344
Cantaloups .....	142	233	375	503	759	1,262	66	319	385	20	218	238
Carrots .....	264	177	441	508	290	798	89	226	315	27	127	154
Cauliflower .....	3	71	74	1	88	89	.....	66	66	.....	47	47
Celery .....	230	440	670	291	585	876	37	429	466	8	265	273
Cucumbers .....	516	516	21	718	739	.....	342	342	.....	197	197	197
Lettuce-romaine .....	446	1,482	1,928	872	2,244	3,116	229	1,513	1,742	89	897	986
Mixed vegetables .....	29	.....	29	67	.....	67	24	.....	24	1	.....	1
Onions, dry .....	216	497	713	443	864	1,307	168	719	887	106	301	407
Peas, green .....	.....	3	3	.....	9	9	.....	5	5	.....	.....	.....
Potatoes .....	781	1,412	2,193	2,558	1,966	4,524	742	1,444	2,186	283	1,586	1,869
Watermelons .....	.....	381	381	61	381	442	.....	349	349	.....	383	383
Miscellaneous .....	117	2,687	2,804	543	4,603	5,146	47	1,981	2,028	9	1,251	1,260
Total .....	2,228	8,481	10,709	5,891	13,418	19,309	1,408	7,930	9,333	543	5,677	6,220
Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>5</sup>		
	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total
Vegetables:	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Beans (snap, lima, and fava) .....	94	94	.....	57	57	.....	188	188	.....	87	87	87
Cabbage .....	389	389	8	463	471	.....	801	801	.....	303	303	303
Cantaloups .....	7	222	229	124	317	441	3	1,114	1,117	.....	430	430
Carrots .....	11	110	121	61	201	262	.....	1,094	1,094	.....	323	323
Cauliflower .....	.....	23	23	8	67	75	.....	232	232	.....	72	72
Celery .....	3	119	122	101	301	402	.....	1,343	1,343	.....	385	385
Cucumbers .....	.....	130	130	.....	269	269	.....	712	712	.....	204	204
Lettuce-romaine .....	9	790	799	965	1,245	2,210	.....	2,959	2,959	.....	1,323	1,323
Mixed vegetables .....	.....	.....	.....	51	.....	51	.....	.....	.....	.....	13	13
Onions, dry .....	20	649	669	128	526	654	.....	1,699	1,699	.....	825	825
Peas, green .....	.....	1	1	1	.....	1	.....	18	18	.....	11	11
Potatoes .....	401	2,360	2,761	1,292	1,943	3,235	5	5,321	5,326	.....	4,178	4,178
Watermelons .....	.....	470	470	1	613	614	.....	1,448	1,448	.....	306	306
Miscellaneous .....	3	1,428	1,431	106	1,995	2,101	8	7,655	7,663	5	2,939	2,944
Total .....	454	6,785	7,239	2,846	7,997	10,843	16	24,584	24,600	5	11,399	11,404

<sup>1</sup> Use of car/carlot equivalents for reporting unloads of fresh vegetables and melons was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-1977 are published in carlot equivalents in Agricultural Statistics, 1978, table 274.

<sup>2</sup> Estimated percentages of completeness for reported truck unloads for 1979 are as follows: Atlanta and San Francisco 80; Baltimore and Chicago 85; New York, Los Angeles, and Philadelphia 90; Boston 90-95.

<sup>3</sup> Includes Newark.

<sup>4</sup> Includes Washington.

<sup>5</sup> Includes Oakland.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 282

<sup>1</sup> Fresh vegetable consumption computed for total commercial production for fresh market, including an estimate for commercial production in States where estimates are not made separately. Does not include production for home use. Civilian consumption obtained by dividing the total apparent civilian consumption by total civilian population as reported by the Bureau of the Census. All data for calendar year, except dry field peas which are on a crop-year basis.

<sup>2</sup> Less than 0.05 pound.

<sup>3</sup> Beginning 1968, included in minor vegetables.

<sup>4</sup> Preliminary.

<sup>5</sup> Included less than 0.05 pound of shallots each year from 1964 through 1967. Beginning 1968, included in minor vegetables.

<sup>6</sup> Beginning 1971, dehydrated onions are excluded from "Onions and shallots" and reported separately.

<sup>7</sup> Includes table stock and processed potatoes.

Economics, Statistics, and Cooperatives Services—Economics.

Table 281.—Vegetables, and melons, fresh: Total reported domestic rail, truck, and air shipments, 1979<sup>1</sup>

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>Vegetables:</b>													
Asparagus .....	3	26	151	216	89	20	.....	.....	.....	1	2	1	509
Beans .....	107	90	143	160	78	33	46	77	44	39	121	117	1,055
Beets .....	1	4	11	15	7	2	.....	.....	.....	.....	4	9	53
Broccoli .....	320	223	308	274	334	247	205	187	200	297	310	299	3,204
Cabbage .....	1,663	1,210	1,467	1,581	1,268	318	198	279	274	365	653	1,141	10,417
Carrots .....	831	797	977	1,052	1,083	935	719	676	564	696	768	850	9,898
Cauliflower .....	224	178	215	134	231	153	164	148	143	206	256	229	2,281
Celery .....	1,359	1,232	1,568	1,380	1,339	1,175	1,064	1,029	961	1,218	1,636	1,440	15,401
Corn, sweet .....	129	115	265	732	1,388	1,335	773	401	274	146	191	189	5,938
Cucumbers .....	95	48	78	381	971	776	240	436	292	340	476	222	4,355
Eggplant .....	47	32	31	48	32	77	32	2	1	53	72	57	484
Escarole-endive .....	108	91	121	94	49	.....	.....	.....	.....	1	54	75	593
Greens .....	144	195	208	114	56	.....	.....	.....	1	13	66	153	950
Lettuce, iceberg .....	4,682	3,627	6,011	5,270	6,188	5,310	4,712	4,995	4,527	5,406	4,879	4,512	60,119
Lettuce, romaine .....	136	131	130	79	31	28	36	37	34	41	61	117	861
Lettuce, other .....	64	63	60	42	14	12	13	14	9	13	34	59	397
Mixed vegetables .....	13	6	7	7	22	80	49	44	30	36	32	17	343
Onions, dry .....	1,859	1,262	1,236	1,533	2,073	1,886	1,435	1,925	1,648	2,100	1,978	1,745	20,680
Onions, green .....	66	57	72	89	108	85	71	82	78	96	81	72	957
Peas green .....	.....	.....	.....	8	1	.....	.....	.....	.....	.....	.....	.....	9
Pepper, bell .....	262	158	215	270	441	441	305	212	328	386	417	248	3,683
Pepper, other .....	.....	.....	.....	.....	1	7	14	1	2	4	6	4	39
Potatoes .....	11,353	9,746	12,529	11,822	13,614	11,936	8,598	8,854	8,287	9,964	9,271	9,058	125,038
Radish .....	121	121	178	195	152	36	10	11	7	47	110	158	1,146
Spinach .....	54	78	68	8	3	5	11	11	16	16	19	72	361
Squash .....	76	55	78	140	123	60	17	4	4	50	100	116	823
Sweetpotatoes .....	234	250	255	257	161	110	39	74	248	307	504	558	2,997
Tomatoes .....	992	571	669	1,166	2,167	2,590	1,591	1,125	1,384	1,918	1,421	1,698	17,292
Tomatoes, cherry .....	.....	.....	.....	.....	.....	45	94	61	48	41	15	4	308
Turnips-rutabagas .....	32	35	26	20	22	15	15	5	2	2	7	9	190
<b>Total .....</b>	<b>24,975</b>	<b>20,401</b>	<b>27,077</b>	<b>27,093</b>	<b>31,996</b>	<b>27,717</b>	<b>20,451</b>	<b>20,690</b>	<b>19,406</b>	<b>23,802</b>	<b>23,544</b>	<b>23,229</b>	<b>290,381</b>
<b>Melons:</b>													
Cantaloupe .....	.....	.....	.....	.....	658	2,960	3,390	2,050	1,084	720	186	10	11,058
Honeydews .....	2	.....	.....	.....	222	526	567	654	666	432	243	19	3,331
Mixed and miscellaneous .....	6	.....	.....	.....	.....	5	59	114	74	85	41	22	406
Watermelons .....	.....	.....	.....	22	2,101	6,811	4,779	1,351	145	25	.....	1	15,235
<b>Total .....</b>	<b>8</b>	<b>.....</b>	<b>.....</b>	<b>22</b>	<b>2,981</b>	<b>10,302</b>	<b>8,795</b>	<b>4,169</b>	<b>1,969</b>	<b>1,262</b>	<b>470</b>	<b>52</b>	<b>30,030</b>
<b>Miscellaneous:</b>													
Artichokes .....	.....	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	4
Brussels sprouts .....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Chinese cabbage .....	25	25	40	35	14	1	.....	.....	.....	.....	6	14	160
Miscellaneous herbs .....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Miscellaneous Oriental .....	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	3
Mushrooms .....	1	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....	5
Okra .....	3	4	4	4	23	40	3	2	2	6	8	4	103
Parsley .....	24	24	27	25	15	1	.....	.....	.....	.....	15	24	155
Peas, other .....	.....	.....	.....	1	6	4	.....	.....	.....	1	1	1	14
Pumpkins .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62	.....	.....	62
Vegetables <sup>2</sup> .....	40	40	58	51	43	31	9	6	4	10	29	55	376
<b>Total .....</b>	<b>95</b>	<b>96</b>	<b>132</b>	<b>121</b>	<b>101</b>	<b>77</b>	<b>12</b>	<b>8</b>	<b>6</b>	<b>79</b>	<b>59</b>	<b>98</b>	<b>884</b>
<b>Grand total ..</b>	<b>25,078</b>	<b>20,497</b>	<b>27,209</b>	<b>27,236</b>	<b>35,078</b>	<b>38,096</b>	<b>29,258</b>	<b>24,867</b>	<b>21,381</b>	<b>25,143</b>	<b>24,073</b>	<b>23,379</b>	<b>321,295</b>

<sup>1</sup>Use of car/carlot equivalents for reporting shipments of fresh vegetables was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in Agricultural Statistics, 1978, table 275.

<sup>2</sup>Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail carriers, inspection service and shipping points.



Table 282.—Vegetables (fresh), melons, potatoes, sweetpotatoes, dry edible beans, and dry field peas: Per capita civilian consumption (farm-weight basis), United States, 1965–79<sup>1</sup>

Year	Toma- toes	Leafy, green, and yellow vegetables										Green peas (un- shelled)
		Arti- chokes	Aspara- gus	Lima beans (un- shelled)	Snap beans	Broc- coli	Brus- sels sprouts	Cab- bage	Car- rots	Kale	Lettuce and escarole	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965...	12.0	0.3	0.6	0.3	2.0	0.3	0.1	8.9	7.0	0.1	21.7	0.2
1966...	12.4	.3	.4	.3	1.9	.3	(2)	8.9	6.4	.1	21.6	.2
1967...	12.4	.4	.4	.3	2.0	.3	.1	9.1	6.5	.1	22.1	.1
1968...	11.9	.3	.5	(3)	1.9	.4	(2)	9.3	7.5	(3)	22.5	(3)
1969...	11.9	.3	.4	.....	1.8	.4	(2)	8.9	6.0	.....	22.5	.....
1970...	12.3	.3	.5	.....	1.7	.5	(2)	8.8	5.9	.....	23.1	.....
1971...	11.4	.4	.4	.....	1.6	.7	(2)	9.2	6.1	.....	23.2	.....
1972...	12.2	.3	.5	.....	1.6	.7	(2)	8.8	6.6	.....	23.3	.....
1973...	12.6	.3	.4	.....	1.6	.8	(2)	9.0	6.7	.....	23.9	.....
1974...	12.0	.3	.4	.....	1.5	.8	(2)	9.1	7.0	.....	24.4	.....
1975...	12.1	.3	.4	.....	1.6	1.0	(2)	9.2	6.5	.....	24.5	.....
1976...	12.7	.4	.4	.....	1.6	1.1	(2)	8.8	6.7	.....	24.3	.....
1977...	12.5	.3	.3	.....	1.5	1.3	(2)	8.5	5.4	.....	25.1	.....
1978...	13.4	.2	.3	.....	1.4	1.3	(2)	8.9	5.8	.....	26.9	.....
1979 <sup>4</sup>	12.7	.4	.3	.....	1.4	1.4	(2)	8.7	6.1	.....	26.7	.....

  

Year	Leafy, green, and yellow vegetables-Continued				Other vegetables							
	Peppers	Spinach	Minor	Total	Beets	Cauli- flower	Celery	Corn	Cucum- bers	Egg- plant	Garlic	Onions and shallots <sup>5</sup>
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965...	2.3	0.6	4.6	49.0	0.5	1.0	6.7	8.1	3.1	0.4	0.4	11.4
1966...	2.4	.6	4.0	47.4	.4	1.0	6.9	7.4	3.0	.4	.3	11.5
1967...	2.6	.6	3.6	48.2	.4	1.0	6.8	8.0	3.1	.4	.4	12.1
1968...	2.8	.6	5.5	51.3	(3)	1.0	7.2	7.8	2.9	.4	.5	11.9
1969...	2.6	.5	4.4	47.8	.....	.9	7.3	8.0	3.2	.4	.5	12.5
1970...	2.4	.5	4.7	48.4	.....	.7	7.2	7.9	3.2	.4	.5	11.9
1971...	2.5	.5	4.5	49.1	.....	.7	7.3	7.5	3.1	.4	.3	10.1
1972...	2.7	.4	4.6	49.5	.....	.8	7.1	7.9	3.3	.5	.4	9.9
1973...	2.8	.5	4.2	50.2	.....	.8	7.6	8.0	3.0	.6	.5	9.2
1974...	3.0	.5	4.4	51.4	.....	.8	7.4	7.7	3.4	.5	.7	10.5
1975...	3.1	.5	4.3	51.4	.....	.9	7.0	7.9	3.2	.5	.8	9.8
1976...	3.3	.6	3.7	50.9	.....	1.0	7.5	8.2	3.7	.7	.5	10.1
1977...	3.4	.7	3.8	50.3	.....	1.1	7.2	7.6	4.0	.6	.6	10.1
1978...	3.5	.5	3.0	51.8	.....	1.1	6.7	7.3	4.2	.6	.8	10.6
1979 <sup>4</sup>	3.5	.5	2.4	52.0	.....	1.3	7.5	7.4	4.3	.7	1.1	11.8

  

Year	Other vegetables- Continued		Total vege- tables	Melons			Total vege- tables and melons	Pota- toes <sup>7</sup>	Sweet- pota- toes	Dry edible beans	Dry field peas	Dehy- drated onions <sup>6</sup>
	Minor	Total		Water- melons	Canta- loupes	Total melons						
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965...	5.7	37.3	98.3	15.7	7.9	23.6	121.9	107	6.2	6.6	0.4	.....
1966...	5.2	36.1	95.9	14.8	7.3	22.1	118.0	117	6.3	6.3	.4	.....
1967...	5.4	37.6	98.2	14.2	8.1	22.3	120.5	108	5.8	6.9	.2	.....
1968...	6.3	38.0	101.2	14.4	8.6	23.0	124.2	115	5.7	6.4	.3	.....
1969...	6.4	39.2	98.9	13.8	9.1	22.9	121.8	117	5.7	6.9	.3	.....
1970...	6.3	38.1	98.8	14.4	8.9	23.3	122.1	118	5.6	5.9	.3	.....
1971...	6.1	35.5	96.0	14.1	8.5	22.6	118.6	119	4.9	5.9	.3	2.5
1972...	5.7	35.6	97.3	13.2	8.7	21.9	119.2	119	5.1	6.3	.3	2.0
1973...	5.7	35.4	98.2	13.8	8.0	21.8	120.0	117	5.1	6.4	.5	2.4
1974...	5.6	36.6	100.0	11.9	7.0	18.9	118.9	114	5.5	6.7	.4	2.8
1975...	5.4	35.5	99.0	12.2	6.9	19.1	118.1	122	5.5	6.5	.4	3.0
1976...	5.1	36.8	100.4	13.5	7.0	20.5	120.9	116	5.4	6.2	.4	2.3
1977...	4.7	35.9	98.7	13.5	7.7	21.2	119.9	124	5.0	6.1	.4	2.7
1978...	3.9	35.2	100.4	12.7	9.2	21.9	122.3	122	5.4	5.9	.2	2.6
1979 <sup>4</sup>	4.3	38.4	103.8	12.5	7.2	21.4	124.5	120	5.7	6.4	.4	3.0

See footnotes on page 195.

Table 283.—Vegetables, canned: United States pack of selected items, 1965–79

Season	Asparagus	Beans, lima	Beans, snap	Beets	Carrots	Sweet corn	Peas, green	Pickles <sup>1</sup>	Pimentos
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1965 .....	7,208	2,981	45,627	10,069	4,753	39,116	37,585	48,073	827
1966 .....	7,896	3,531	40,536	11,584	5,838	45,525	31,856	60,234	675
1967 .....	6,638	3,963	53,173	12,409	7,342	49,268	37,692	67,127	761
1968 .....	6,925	3,818	51,842	14,323	4,726	59,278	36,231	63,220	848
1969 .....	6,817	3,596	47,339	11,562	5,490	49,387	32,071	57,904	876
1970 .....	5,675	2,776	47,572	11,638	4,999	46,995	28,697	65,946	627
1971 .....	5,542	3,116	50,011	10,241	5,710	53,757	33,197	63,072	737
1972 .....	5,860	2,116	47,556	9,448	5,093	52,957	33,081	63,969	650
1973 .....	5,794	3,150	55,002	11,324	6,160	55,227	29,558	67,066	269
1974 .....	5,643	2,523	62,319	14,819	7,193	46,431	33,120	66,864	396
1975 .....	3,551	3,729	55,390	13,394	5,035	57,458	35,172	75,516	613
1976 .....	3,609	2,812	47,421	9,164	5,327	54,694	31,927	70,986	702
1977 .....	3,705	2,657	54,494	11,348	5,973	56,300	30,238	69,871	407
1978 .....	3,382	3,356	57,121	12,834	6,609	57,907	25,269	76,776	376
1979 <sup>3</sup> .....	2,819	3,061	66,281	12,973	6,250	60,022	36,492	75,367	376

  

Season	Pumpkin and squash	Sauer- kraut <sup>1</sup>	Spinach	Tomatoes	Tomato juice <sup>4</sup>	Tomato pulp and puree	Total of these items
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1965 .....	3,854	12,901	6,395	36,015	40,047	6,484	301,935
1966 .....	4,553	9,696	6,954	32,662	38,907	7,349	307,796
1967 .....	4,592	14,764	7,409	39,127	42,815	8,775	356,855
1968 .....	4,551	12,520	7,990	48,422	40,169	13,837	368,700
1969 .....	5,244	12,015	6,577	32,036	33,653	7,014	311,568
1970 .....	3,973	14,369	7,270	39,017	36,761	5,947	322,262
1971 .....	4,581	12,687	7,675	38,367	38,411	7,844	334,948
1972 .....	4,064	10,697	8,217	43,301	31,074	9,705	327,788
1973 .....	4,632	11,834	8,944	45,431	33,936	9,895	348,222
1974 .....	4,214	15,198	10,834	43,794	36,133	10,282	359,762
1975 .....	5,805	12,946	8,328	53,465	35,358	13,807	379,567
1976 .....	5,500	12,531	6,304	42,614	32,154	8,377	334,122
1977 .....	2,962	12,677	7,108	54,124	27,844	9,284	349,532
1978 .....	3,353	11,740	6,214	49,241	33,920	8,425	356,523
1979 <sup>3</sup> .....	3,997	12,890	8,121	52,724	31,517	8,425	374,015

<sup>1</sup> Total crop for processing converted to a canned basis by applying factors (cases of 24 No. 303 cans per ton, farm weight): Cucumbers for pickles, 83 cases for 1954, 112 cases for 1964, and interim years interpolated; cabbage for kraut, 65.9 cases for 1954, 54.0 cases for 1964, and interim years interpolated.

<sup>2</sup> Equivalent cases of 24 No. 303 cans.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes combination vegetable juices containing at least 70 percent tomato juice.

Economics, Statistics, and Cooperatives Service—Economics. Compiled mainly from reports of the National Food Processors Association.

## FOOTNOTES FOR TABLE 287

<sup>1</sup> Data for asparagus, lima beans, sauerkraut, and spinach are either estimates or interpolations.

<sup>2</sup> Actual cases.

<sup>3</sup> Canners' stocks of sauerkraut converted to cases by using a factor of 18 cases of 24/303's per barrel (of 45 gallons).

Economics, Statistics, and Cooperatives Service—Economics. Compiled mainly from reports of the National Food Processors Association.

## FOOTNOTES FOR TABLE 289

<sup>1</sup> Preliminary.

<sup>2</sup> Included, with leafy, green, and yellow vegetables because most items included are considered to be greens.

Economics, Statistics, and Cooperatives Service—Economics.

Table 284.—Vegetables, canned: Civilian per capita consumption (processed basis, net canned weight), United States, 1965-79<sup>1</sup>

Year	Leafy, green, and yellow vegetables							Tomato products		
	Asparagus	Lima beans	Snap beans	Carrots	Peas	Pumpkin and squash	Spinach	Whole tomatoes	Catsup and chili sauce	Paste and sauce
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965 .....	0.8	0.3	4.8	0.6	4.1	0.5	0.8	4.5	5.0	3.9
1966 .....	.7	.2	5.1	.7	4.2	.5	.7	4.6	4.8	4.2
1967 .....	.7	.4	5.1	.7	4.1	.5	.7	4.6	4.7	5.0
1968 .....	.7	.3	5.5	.6	4.2	.6	.8	4.9		29.8
1969 .....	.7	.4	5.7	.6	4.1	.5	.6	4.9		10.1
1970 .....	.7	.4	5.8	.6	3.9	.5	.8	4.8		10.1
1971 .....	.6	.4	5.9	.6	3.8	.5	.7	4.9		9.9
1972 .....	.6	.3	5.8	.8	3.8	.6	.8	5.1		10.2
1973 .....	.7	.3	5.9	.6	4.3	.6	.9	5.8		11.3
1974 .....	.5	.3	5.9	.6	3.5	.6	.9	5.0		12.0
1975 .....	.5	.3	5.6	.6	3.4	.6	.6	4.9		13.5
1976 .....	.6	.3	6.0	.5	3.6	.5	.6	5.2		13.3
1977 .....	.4	.4	5.9	.6	3.9	.4	.6	5.2		13.5
1978 .....	.4	.3	5.7	.5	3.6	.4	.7	5.1		12.8
1979 <sup>3</sup> .....	.3	.4	6.0	.5	3.2	.6	.8	5.8		14.5

  

Year	Tomato products		Other vegetables				Sweet-potatoes	Other <sup>4</sup>	Total
	Pulp and puree	Tomato and vegetable juices	Beets	Corn	Pickles	Sauer-kraut			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965 .....	0.8	4.7	1.4	5.5	6.2	1.4	1.3	2.1	48.7
1966 .....	1.0	4.4	1.4	5.2	6.6	1.4	1.2	2.1	49.0
1967 .....	1.0	4.2	1.4	5.4	7.3	1.4	1.1	2.3	50.6
1968 .....	1.1	4.0	1.3	5.8	7.7	1.6	1.3	2.1	52.3
1969 .....	1.0	4.1	1.5	6.1	7.7	1.4	1.5	2.8	53.7
1970 .....	1.0	4.1	1.5	5.9	7.4	1.5	1.2	2.7	52.9
1971 .....	1.0	3.9	1.4	6.2	7.6	1.6	1.2	4.1	54.3
1972 .....	1.1	3.7	1.5	6.5	7.8	1.4	1.1	4.1	55.2
1973 .....	1.1	3.3	1.3	6.4	8.0	1.4	1.3	4.5	57.7
1974 .....	1.2	3.6	1.3	6.0	7.9	1.5	1.5	4.7	56.9
1975 .....	1.1	3.6	1.3	5.1	7.8	1.3	.9	4.0	55.1
1976 .....	1.1	2.8	1.4	5.7	8.4	1.4	.9	3.4	55.7
1977 .....	.9	3.1	1.4	6.3	8.2	1.4	.8	3.2	56.2
1978 .....	1.0	3.0	1.4	6.0	8.4	1.3	1.0	2.6	54.2
1979 <sup>3</sup> .....	.8	2.8	1.0	5.5	8.6	1.3	1.1	2.5	55.7

<sup>1</sup> Excludes soups and baby food.<sup>2</sup> Beginning 1968, classified as "other concentrated products."<sup>3</sup> Preliminary.<sup>4</sup> Includes miscellaneous greens, pimientos, potatoes (and potatoes canned in soups and stews beginning 1971), mixed vegetables, and all items for which no separate data are available.

Economics, Statistics, and Cooperatives Service—Economics.

## FOOTNOTES FOR TABLE 290

<sup>1</sup> See table 281 for items included. Excludes melons.<sup>2</sup> Includes dehydrated onions.<sup>3</sup> See tables 283 and 289 for items included. Data include pickles and sauerkraut in bulk; exclude canned and frozen potatoes, canned sweetpotatoes, canned baby foods, and canned soups.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 285.—Vegetables, frozen: Commercial pack, United States, 1970-79

Commodity	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Artichokes <sup>1</sup> .....	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asparagus .....	25,925	29,959	33,574	35,584	35,965	2,236	2,262	1,660	383	1,790
Beans, butter .....	14,674	19,761	20,557	15,190	18,409	18,409	22,730	22,474	15,427	23,969
Beans, green, regular cut .....	119,499	127,575	151,064	179,331	160,666	8,012	9,431	7,917	16,069	3,876
Beans, green, French cut .....	75,817	74,741	83,355	80,469	70,262	59,000	114,446	142,239	161,085	162,000
Beans, green, wax .....	6,176	7,147	6,065	9,462	7,374	6,830	7,000	82,633	95,117	91,686
Beans, green, Italian .....	6,983	10,015	11,390	13,547	13,121	11,390	7,000	5,605	7,478	10,629
Beans, whole .....	4,287	9,165	8,557	9,062	9,004	4,876	11,594	15,907	16,667	19,213
Beans, baby lima .....	73,012	73,898	92,634	96,112	97,123	85,670	4,933	5,376	7,043	9,022
Beans, lima, Fordhook .....	40,382	40,690	52,968	46,226	50,245	50,245	48,554	92,154	81,145	82,775
Brussels sprouts .....	185,157	189,600	234,344	213,165	245,255	191,638	20,973	45,204	38,110	41,498
Carrots .....	42,663	49,195	55,845	53,729	53,729	54,422	44,345	56,642	276,519	298,618
Cauliflower .....	173,064	143,681	165,879	231,688	248,081	165,869	181,277	283,769	238,415	283,080
Celery .....	59,782	67,659	94,070	96,098	93,754	76,056	67,807	96,670	127,513	101,130
Collards .....	7,210	5,335	11,136	13,421	9,089	7,077	10,286	9,642	17,507	17,494
Corn, cut .....	19,818	24,571	21,760	20,885	20,366	14,126	17,022	19,269	17,901	16,534
Corn-on-cob .....	216,097	226,835	273,776	294,223	298,224	288,067	282,391	285,183	307,079	269,422
Kale .....	80,888	106,893	133,064	166,830	152,380	183,381	187,582	280,773	303,155	310,648
Mushrooms <sup>2</sup> .....	6,488	6,611	5,647	4,425	5,029	5,071	4,597	6,515	5,403	5,637
Mustard greens .....	15,597	13,011	12,643	14,593	11,539	10,238	5,938	10,465	8,848	14,193
Okra .....	44,168	32,234	27,924	40,597	42,992	27,970	10,396	13,857	10,595	10,020
Onions .....	52,205	75,882	110,672	114,679	111,228	121,101	27,489	41,551	46,295	33,305
Peas, blackeye .....	30,084	33,027	38,004	41,974	30,881	21,745	148,963	152,718	154,080	167,239
Peas, green .....	344,520	348,418	340,075	387,749	41,682	400,587	333,954	36,054	36,981	21,069
Peppers, green and red <sup>3</sup> .....	.....	.....	10,802	8,220	15,381	9,601	8,447	937,717	937,717	442,612
Potato products .....	2,404,389	2,565,118	2,593,848	2,691,073	2,984,881	3,000,963	3,335,051	3,622,823	3,848,810	4,089,732
Pumpkin and cooked squash .....	27,241	28,470	29,708	29,047	32,641	29,982	22,177	25,168	25,058	23,667
Rhubarb .....	7,950	11,093	12,177	28,047	7,102	5,986	8,231	8,626	8,586	7,899
Spinach .....	145,694	156,991	160,050	159,501	177,892	129,389	160,247	167,766	147,389	181,279
Squash, summer .....	18,953	26,882	28,494	26,343	31,390	27,906	35,377	43,626	43,626	38,149
Sweetpotatoes and yams .....	7,391	6,973	7,504	7,504	8,828	11,378	12,038	11,091	15,483	14,981
Turnip greens .....	18,943	20,223	19,365	16,630	11,120	15,545	14,457	17,168	13,785	15,948
Turnip greens with turnips .....	23,415	26,940	20,160	25,450	11,281	17,562	22,011	25,331	23,511	23,210
Miscellaneous vegetables .....	15,146	23,310	16,629	9,374	10,728	11,882	8,942	9,296	11,859	7,922
Total .....	4,316,731	4,574,361	4,874,561	5,158,398	5,473,141	5,212,966	5,491,035	6,245,809	6,580,733	6,890,310

<sup>1</sup> Included in "Miscellaneous vegetables" prior to 1973.<sup>2</sup> Included in "Miscellaneous vegetables" prior to 1976.<sup>3</sup> Included in "Miscellaneous vegetables" prior to 1972.

Economics, Statistics, and Cooperatives Service—Economics. Data from American Frozen Food Institute.



Table 286.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1979

Commodity	East and South <sup>1</sup>	Midwest <sup>2</sup>	West <sup>3</sup>	Northwest <sup>4</sup>	California	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Artichokes					1,790	1,790
Asparagus					<sup>5</sup> 23,989	23,989
Beans, butter	<sup>6</sup> 3,876					3,876
Beans, green, regular cut	63,080	17,166	81,754			162,000
Beans, green, French cut	34,775	7,112	49,799			91,686
Beans, wax	<sup>7</sup> 10,629					10,629
Beans, green, Italian		<sup>8</sup> 19,213				19,213
Beans, whole	2,607	895	5,520			9,022
Beans, baby lima	<sup>9</sup> 11,469		71,306			82,775
Beans, lima Fordhook	<sup>6</sup> 41,498					41,498
Broccoli					<sup>7</sup> 298,618	298,618
Brussels sprouts	<sup>8</sup> 61,353					61,353
Carrots	<sup>9</sup> 31,324			117,917	113,839	263,080
Cauliflower	24,173				76,957	101,130
Celery	17,494					17,494
Collards	16,534					16,534
Corn, cut	20,701	40,754	249,193			310,648
Corn-on-cob	34,910	66,114	168,398			269,422
Kale	3,637					3,637
Mustard greens	10,020					10,020
Okra	33,305					33,305
Onions			477,239			477,239
Peas, blackeye	21,099					21,099
Peas, green	43,912	54,463		305,058	39,179	442,612
Peppers, green and red	<sup>10</sup> 10,661					10,661
Potato products	<sup>10</sup> 4,089,732					4,089,732
Pumpkin and cooked squash	<sup>11</sup> 23,667					23,667
Rhubarb	<sup>5</sup> 1,317		6,582			7,899
Spinach	13,756				<sup>4</sup> 167,523	181,279
Squash, summer	38,149					38,149
Sweetpotatoes and yams	14,981					14,981
Turnip greens	15,948					15,948
Turnip greens with turnips	23,210					23,210
Miscellaneous vegetables	<sup>11</sup> 7,922					7,922
Mushrooms	14,193					14,193
Total	4,739,932	205,717	1,109,791	422,975	721,295	7,200,310

<sup>1</sup> Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia. <sup>2</sup> Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. <sup>3</sup> California, Colorado, Idaho, Montana, Oregon, Washington, and Wyoming. <sup>4</sup> Idaho, Oregon, and Washington. <sup>5</sup> East, South, West, Washington, and California. <sup>6</sup> East, South, and West. <sup>7</sup> East, South, Midwest, and West. <sup>8</sup> East, Midwest, and West. <sup>9</sup> East, South, and Midwest. <sup>10</sup> East, South, Midwest, and Northwest. <sup>11</sup> Regional packs not reported; allocated on basis of aggregate packs of other items.

Economics, Statistics, and Cooperatives Service—Economics. Data from American Frozen Food Institute.

Table 287.—Vegetables, canned: Cannery and distributors' stocks, beginning of season, United States, 1977-79

Commodity	Season beginning—	Cannery stocks			Distributors' stocks <sup>1</sup>		
		1977	1978	1979	1977	1978	1979
		1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
Asparagus	March	312	668	1,026	306	413	459
Beans, lima	August	610	294	466			
Beans, snap	July	5,477	4,976	6,101	3,309	3,275	3,285
Beets	July	3,122	2,547	3,449	1,023	977	956
Carrots	July	1,589	1,887	1,821	593	578	585
Corn	July	9,878	8,100	10,188	4,009	4,166	4,142
Peas, green	June	7,903	4,701	1,787	2,896	2,784	2,459
Pumpkin and squash	July	1,790	1,208	638	365	249	197
Sauerkraut <sup>3</sup>	August	3,090	2,449	2,276	562	533	554
Spinach	March	2,439	1,983	1,190	591	602	569
Tomatoes	July	6,917	12,157	10,866	3,478	3,409	3,338
Tomato juice	July	7,096	4,714	5,101	1,766	1,679	1,454
Total of these items		50,223	45,683	44,909	18,898	18,665	17,998

See footnotes on page 198.

Table 288.—Frozen vegetables and potato products: Cold-storage holdings end of month, United States, 1978 and 1979

Month	Total green beans		Total broccoli		Total carrots		Total sweet corn	
	1978	1979	1978	1979	1978	1979	1978	1979
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	112,566	140,136	92,842	74,664	143,775	141,460	376,463	426,299
February .....	90,811	118,629	85,315	60,184	125,793	126,047	326,372	372,549
March .....	72,225	97,853	98,249	65,852	122,116	108,105	283,127	311,838
April .....	55,843	84,262	94,279	62,481	116,519	96,284	239,357	263,572
May .....	43,489	69,031	101,406	84,741	110,317	85,807	194,014	226,748
June .....	41,170	73,435	105,119	100,138	96,920	81,937	157,081	186,883
July .....	79,305	119,701	102,900	107,734	90,632	75,588	124,441	154,826
August .....	184,506	207,577	101,104	102,126	82,273	81,347	248,049	255,761
September .....	211,490	231,126	94,576	89,428	77,976	79,736	488,253	479,308
October .....	197,418	220,300	94,552	96,089	124,312	127,773	567,484	530,442
November .....	183,075	199,826	103,865	104,710	159,704	177,306	524,004	491,243
December .....	165,256	181,277	94,499	103,310	163,687	176,305	481,909	443,319

  

Month	Total lima beans		Cauliflower		Spinach		Brussels sprouts	
	1978	1979	1978	1979	1978	1979	1978	1979
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	83,863	90,762	46,097	78,814	39,715	29,085	39,239	45,557
February .....	75,795	83,594	40,390	65,990	30,016	19,085	34,411	37,551
March .....	67,038	72,236	38,425	61,514	54,517	41,116	29,867	34,792
April .....	59,985	68,285	30,881	52,339	86,554	109,638	28,030	31,438
May .....	47,935	57,184	24,279	46,254	99,241	110,893	19,586	26,776
June .....	43,161	49,597	20,714	44,265	88,190	107,703	16,050	21,571
July .....	35,236	42,877	23,017	47,746	79,437	99,460	12,132	19,218
August .....	48,297	64,700	39,411	53,469	70,322	90,088	10,605	16,339
September .....	91,317	117,449	52,105	66,703	60,982	80,570	14,587	22,487
October .....	117,419	136,071	73,433	77,547	53,971	74,935	27,057	37,126
November .....	114,453	125,946	85,686	79,314	46,967	67,825	42,213	46,783
December .....	104,013	116,004	86,253	82,721	39,554	55,529	49,602	47,223

  

Month	Total onions		Green peas		Total frozen vegetables		Total frozen potatoes	
	1978	1979	1978	1979	1978	1979	1978	1979
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	27,671	25,161	183,725	185,554	1,471,485	1,557,343	862,559	778,695
February .....	26,896	24,356	152,129	147,154	1,282,175	1,340,496	901,238	791,320
March .....	26,493	22,756	126,064	112,420	1,185,697	1,192,701	923,710	818,168
April .....	26,915	20,654	107,202	86,102	1,100,984	1,125,310	944,401	849,269
May .....	28,825	21,894	91,628	82,921	1,007,441	1,061,427	971,610	930,862
June .....	29,036	23,207	160,158	173,201	1,027,739	1,139,724	954,814	971,747
July .....	26,921	24,131	309,085	362,472	1,192,099	1,360,903	772,609	866,044
August .....	26,476	22,980	353,001	416,021	1,493,502	1,646,082	627,157	671,324
September .....	23,475	22,598	335,520	389,899	1,792,418	1,920,845	644,890	647,090
October .....	23,840	23,065	290,428	350,922	1,939,725	2,031,863	738,428	760,962
November .....	24,525	24,326	250,389	316,204	1,922,764	1,996,499	769,802	814,329
December .....	24,426	26,743	228,002	280,654	1,800,533	1,856,544	777,473	812,208

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 289.—Vegetables, frozen: Civilian per capita consumption (processed weight basis), United States, 1965-79

Year	Leafy, green, and yellow vegetables							
	Asparagus	Snap beans	Lima beans	Carrots	Peas	Broccoli	Brussels sprouts	Southern greens
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965	0.15	0.91	0.69	0.51	1.98	0.68	0.22	.....
1966	.16	1.06	.70	.55	2.05	.71	.20	.....
1967	.17	.90	.73	.66	1.88	.77	.20	.....
1968	.16	1.00	.74	.73	2.08	.79	.18	.....
1969	.15	.97	.63	.72	1.78	.84	.23	.....
1970	.14	1.05	.71	.76	1.86	.83	.22	.....
1971	.12	1.04	.64	.74	1.81	.90	.22	.....
1972	.10	1.07	.69	.81	1.81	.99	.20	.....
1973	.11	1.14	.69	.99	1.76	1.06	.23	.....
1974	.10	1.07	.63	1.00	1.74	1.04	.26	.....
1975	.09	.88	.55	.89	1.71	.95	.23	0.34
1976	.11	1.14	.47	.92	1.63	1.04	.25	.33
1977	.09	1.00	.53	.99	1.52	1.15	.24	.35
1978	.09	1.03	.50	1.00	1.55	1.40	.28	.31
1979 <sup>1</sup>	.08	1.23	.51	1.09	1.74	1.37	.29	.37

Year	Leafy, green, and yellow vegetables—Continued		Other vegetables			Total vegetables excluding potatoes	Potato products	Grand total
	Spinach	Other <sup>2</sup>	Cauli-flower	Corn, cut basis	Onions			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965	0.62	0.99	0.20	1.13	.....	8.08	5.72	13.80
1966	.68	1.21	.25	1.26	.....	8.83	6.93	15.76
1967	.70	1.20	.25	1.60	.....	9.06	7.58	16.64
1968	.70	1.27	.26	1.59	0.16	9.66	8.50	18.16
1969	.67	1.19	.30	1.44	.18	9.10	9.84	18.94
1970	.68	1.24	.30	1.61	.25	9.65	11.10	20.75
1971	.73	1.36	.35	1.47	.34	9.72	12.12	21.84
1972	.72	1.26	.35	1.46	.51	9.97	12.25	22.22
1973	.67	1.54	.37	1.60	.53	10.67	13.27	23.96
1974	.78	1.12	.41	1.56	.49	10.20	13.21	23.41
1975	.65	.89	.35	1.53	.59	9.65	13.89	23.54
1976	.71	1.07	.39	1.56	.66	10.28	14.76	25.04
1977	.73	.92	.41	1.77	.69	10.39	15.98	26.37
1978	.75	.90	.48	1.86	.72	10.87	17.57	28.44
1979 <sup>1</sup>	.73	.80	.50	2.03	.75	11.49	18.12	29.61

See footnotes on page 198.

Table 290.—Commercially produced vegetables: Civilian per capita consumption, United States, 1965-79

Year	Fresh equivalent					Percentage of annual total			
	Total fresh and processed	Fresh <sup>1,2</sup>	Processed <sup>3</sup>			Fresh	Processed		
			Total	Canned	Frozen		Total	Canned	Frozen
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1965	201.0	98.3	102.7	85.3	17.4	48.9	51.1	42.4	8.7
1966	201.5	95.9	105.6	86.7	18.9	47.6	52.4	43.0	9.4
1967	209.4	98.2	111.2	91.3	19.9	46.9	53.1	43.6	9.5
1968	214.9	101.2	113.7	92.7	21.0	47.1	52.9	43.1	9.8
1969	213.1	98.9	114.2	94.9	19.3	46.4	53.6	44.5	9.1
1970	213.4	98.8	114.6	94.0	20.6	46.3	53.7	44.0	9.7
1971	212.3	98.5	113.8	93.6	20.2	46.4	53.6	44.1	9.5
1972	216.0	99.3	116.7	96.3	20.4	46.0	54.0	44.6	9.4
1973	224.1	100.6	123.5	101.6	21.9	44.9	55.1	45.3	9.8
1974	224.6	102.8	121.8	100.9	20.9	45.8	54.2	44.9	9.3
1975	223.6	102.0	121.6	101.8	19.8	45.6	54.4	45.5	8.9
1976	226.2	102.7	123.5	103.0	20.5	45.4	54.6	45.5	9.1
1977	226.7	101.4	125.3	104.2	21.1	44.7	55.3	46.0	9.3
1978	223.7	103.1	120.6	98.8	21.8	46.1	53.9	44.2	9.7
1979 <sup>4</sup>	233.6	106.1	127.5	104.1	23.4	45.4	54.6	44.6	10.0

See footnotes on page 199.

## CHAPTER V

# STATISTICS OF FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES

For most fruits, production is estimated at two levels—total and utilized. Total production is the quantity actually harvested plus quantities not harvested primarily for economic reasons. Utilized production is the amount sold plus the quantities used at home or held in storage. The difference between total and utilized production is the quantity of mature fruit not harvested for economic reasons or excess cullage of harvested fruit. Losses from natural causes, such as windstorms, freezes, etc., are not included in production. Production relates to the crop produced on all farms, except for apples and strawberries. In accordance with Congressional enactment, the Department's estimates of apple production since 1938 have related only to commercial production. The estimates for strawberries cover production on area grown primarily for sale. Statistics on utilization of fruit by commercial processors refer to first utilization, not necessarily final utilization. For example, frozen fruit includes fruit which may later be used for preserves.

The price shown for each crop is a season average price for all methods of sales. Prices for most fresh fruit are the average prices producers received at the point of first sale, commonly referred to as the "average price as sold." Since the point of first sale is not the same for all producers, prices for the various methods of sale are weighted by the proportionate quantity sold. For example, if in a given State part of the fruit crop is sold f.o.b. packed by growers, part sold as bulk fruit at the packinghouse door, and some sold retail at roadside stands, the fresh fruit average price as sold is a weighted average of the average price for each method of sale.

The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations. The estimates are reviewed (and revised if necessary) at 5-year intervals, when the Census of Agriculture data become available. The Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries, and exclude some States where census data indicate production is of only minor importance.

**Table 291.—Fruits and planted nuts: Bearing area, United States, 1965–79**

Year	Citrus fruits <sup>1</sup>	Major decid- uous fruits <sup>2</sup>	Minor fruits <sup>3</sup>	Planted nuts <sup>4</sup>	Fruits and planted nuts	Year	Citrus fruits <sup>1</sup>	Major decid- uous fruits <sup>2</sup>	Minor fruits <sup>3,4</sup>	Planted nuts <sup>5</sup>	Fruits and planted nuts
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>		<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1965 .....	830.3	1,645.7	86.4	274.6	2,837.0	1973 .....	1,174.5	1,527.9	87.5	393.6	3,183.5
1966 .....	881.1	1,624.4	84.3	280.3	2,870.1	1974 .....	1,177.8	1,562.3	90.8	416.0	3,246.9
1967 .....	951.7	1,606.1	83.5	287.3	2,928.6	1975 .....	1,181.3	1,700.5	94.8	435.8	3,412.4
1968 .....	1,001.5	1,602.1	81.9	298.3	2,983.8	1976 .....	1,178.6	1,645.5	100.7	448.8	3,373.6
1969 .....	1,065.2	1,598.3	81.3	315.3	3,060.1	1977 .....	1,159.3	1,673.1	109.0	476.6	3,418.0
1970 .....	1,122.6	1,560.0	81.4	339.4	3,103.4	1978 .....	1,140.6	1,646.0	118.3	510.2	3,415.2
1971 .....	1,180.8	1,540.4	82.7	360.8	3,164.7	1979 <sup>6</sup> .....	1,136.1	1,629.7	124.8	528.9	3,419.5
1972 .....	1,154.0	1,521.6	84.9	379.0	3,139.5						

<sup>1</sup> Oranges, tangerines, lemons, grapefruit, lemons, limes, and tangelos. Area is for the year of harvest.

<sup>2</sup> Commercial apples, peaches, pears, grapes, cherries, plums, prunes, and apricots.

<sup>3</sup> Nectarines, figs, olives, avocados, dates, and pomegranates.

<sup>4</sup> Persimmons discontinued after 1977.

<sup>5</sup> Walnuts, almonds, and filberts. Pistachios beginning 1977.

<sup>6</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 292.—Fruits: Production in tons, United States, 1965-79<sup>1</sup>

Year	Apples, commercial crop <sup>2</sup>	Peaches	Pears	Grapes	Cherries	Prunes and plums (fresh basis)	Apricots	Figs (fresh basis)	Olives
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1965 .....	3,070	1,737	500	4,351	265	606	226	61	50
1966 .....	2,881	1,695	748	3,734	206	492	194	68	63
1967 .....	2,718	1,344	464	3,069	200	584	148	42	14
1968 .....	2,735	1,818	624	3,549	229	534	149	52	86
1969 .....	3,410	1,842	727	3,898	286	496	229	59	70
1970 .....	3,199	1,498	549	3,103	246	787	175	50	52
1971 .....	3,187	1,441	749	3,594	280	582	186	46	55
1972 .....	2,939	1,186	612	2,579	252	359	128	36	24
1973 .....	3,133	1,295	730	4,198	246	783	158	42	70
1974 .....	3,290	1,459	742	4,199	279	659	94	45	59
1975 .....	3,765	1,419	749	4,866	301	656	183	38	67
1976 .....	3,237	1,510	841	4,398	246	666	155	32	80
1977 .....	3,336	1,492	787	4,298	253	727	142	42	43
1978 .....	3,804	1,348	727	4,567	246	634	126	30	126
1979 <sup>3</sup> .....	4,045	1,489	862	4,989	268	655	145	39	59

  

Year	Avocados	Nectar- ines	Cran- berries	Bananas	Bush- berries	Dates	Papayas	Per- simmons	Pome- granates
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1965 .....	61	67	71	4	42	21	10	2	3
1966 .....	80	68	79	4	49	21	9	2	3
1967 .....	52	55	70	4	44	21	11	1	2
1968 .....	74	64	73	3	38	23	12	2	3
1969 .....	46	66	91	3	43	17	10	2	7
1970 .....	86	67	102	3	40	18	12	2	8
1971 .....	45	70	113	3	35	20	10	1	9
1972 .....	89	87	104	3	31	16	13	3	7
1973 .....	74	87	105	4	22	23	16	2	6
1974 .....	127	117	112	3	33	23	19	3	8
1975 .....	87	111	104	3	32	25	20	2	9
1976 .....	141	128	120	3	29	22	25	2	9
1977 .....	118	155	105	3	29	25	32	2	10
1978 .....	146	148	123	2	64	25	32	( <sup>4</sup> )	10
1979 <sup>3</sup> .....	96	172	124	2	68	25	21	.....	9

  

Year	Oranges	Tanger- ines	Grape- fruit	Lemons	Limes	Tangelos	Temple	Straw- berries, com- mercial crop	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1965 .....	4,988	200	1,667	540	22	45	171	216	18,996
1966 .....	5,808	193	1,894	599	17	54	202	232	19,395
1967 .....	7,924	227	2,286	681	17	76	225	237	20,516
1968 .....	5,436	163	1,781	641	29	76	202	263	18,659
1969 .....	7,898	197	2,207	600	28	81	202	243	22,758
1970 .....	8,023	189	2,186	<sup>5</sup> 574	29	113	234	248	21,593
1971 .....	8,205	234	2,473	625	35	122	225	260	23,005
1972 .....	8,237	220	2,627	634	44	162	239	230	20,861
1973 .....	9,737	223	2,676	844	44	140	230	240	25,128
1974 .....	9,386	210	2,692	676	42	167	239	268	24,951
1975 .....	10,241	228	2,504	1,118	44	212	239	272	26,795
1976 .....	10,493	236	2,850	670	43	248	248	286	26,718
1977 .....	10,546	249	3,032	988	40	216	171	325	26,166
1978 .....	9,546	228	3,030	991	18	221	221	325	26,738
1979 <sup>3</sup> .....	9,156	237	2,746	737	29	189	212	319	26,693

<sup>1</sup>For some crops in certain years, production includes some quantities unharvested on account of economic abandonment.

<sup>2</sup>Estimates of the commercial crop refer to production in orchards of 100 or more bearing-age trees.

<sup>3</sup>Preliminary.

<sup>4</sup>Estimates discontinued after 1977 crop.

<sup>5</sup>Prior to 1970, growers' marketing season for California lemons was from Nov. 1 to Oct. 31; beginning with the 1970 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 293.—Apples, commercial crop:<sup>1</sup> Production and season average price per pound, by States, 1977–79

States	Total production			Utilized production			Price <sup>3</sup> for crop of—		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Ark .....	24.0	13.0	24.0	23.5	13.0	23.0	8.8	10.9	11.5
Calif .....	480.0	500.0	600.0	480.0	500.0	600.0	7.8	9.2	10.1
Colo .....	75.0	41.0	100.0	75.0	36.0	91.0	9.3	10.6	8.0
Conn .....	46.0	50.0	45.0	43.0	50.0	45.0	13.5	13.6	14.7
Del .....	13.5	14.5	13.0	13.5	14.5	13.0	10.4	9.3	9.4
Ga .....	22.0	22.0	35.0	20.0	22.0	35.0	9.2	11.5	11.2
Idaho .....	85.0	130.0	125.0	85.0	130.0	125.0	14.9	14.7	15.0
Ill .....	108.0	89.0	110.0	105.0	89.0	110.0	9.9	12.8	12.4
Ind .....	52.0	64.0	75.0	50.3	59.8	70.5	10.6	13.6	14.7
Iowa .....	10.7	8.9	12.1	10.5	8.9	11.6	12.5	13.8	13.5
Kans .....	16.0	10.0	15.0	16.0	10.0	14.1	8.8	11.1	9.5
Ky .....	22.0	15.0	21.0	19.8	14.2	20.4	10.7	12.6	11.5
Maine .....	92.0	75.0	86.0	88.0	75.0	86.0	11.9	13.2	14.6
Md .....	70.0	85.0	85.0	70.0	83.7	83.9	12.2	10.4	11.7
Mass .....	95.0	105.0	95.0	92.0	105.0	95.0	12.8	13.8	15.5
Mich .....	570.0	920.0	680.0	570.0	890.0	680.0	7.9	7.6	7.8
Minn .....	19.9	28.0	15.0	19.9	28.0	15.0	16.4	15.1	18.0
Mo .....	58.0	40.0	70.0	58.0	40.0	70.0	12.0	15.3	13.1
N.H .....	58.0	60.0	58.0	57.5	60.0	58.0	12.6	13.4	12.7
N.J .....	130.0	90.0	110.0	130.0	90.0	110.0	9.6	11.3	10.6
N. Mex .....	25.0	17.0	14.0	25.0	17.0	14.0	11.5	9.7	13.0
N.Y .....	900.0	1,080.0	1,035.0	900.0	1,080.0	1,035.0	8.6	8.5	10.0
N.C .....	270.0	324.0	362.0	264.0	322.0	361.0	8.7	7.9	7.2
Ohio .....	65.0	140.0	105.0	65.0	135.4	105.0	15.5	14.5	15.7
Oreg .....	147.0	142.0	170.0	147.0	142.0	170.0	9.2	11.1	15.6
Pa .....	460.0	400.0	535.0	460.0	400.0	535.0	9.1	8.9	8.7
R.I .....	5.5	6.0	5.0	5.0	6.0	5.0	13.1	14.1	13.2
S.C .....	25.0	22.0	35.0	25.0	22.0	33.0	8.8	11.7	13.3
Tenn .....	10.0	8.0	10.0	10.0	7.7	10.0	10.6	14.2	14.7
Utah .....	47.0	35.0	51.0	47.0	35.0	51.0	10.6	11.0	12.3
Vt .....	47.0	49.0	49.0	44.0	49.0	49.0	12.5	12.8	12.1
Va .....	290.0	515.0	470.0	290.0	515.0	470.0	8.4	8.0	8.5
Wash .....	2,083.0	2,148.0	2,560.0	2,083.0	2,148.0	2,560.0	13.0	12.6	12.2
W. Va .....	195.0	295.0	260.0	195.0	295.0	260.0	9.8	8.6	8.2
Wis .....	56.0	66.0	54.0	56.0	61.0	49.0	12.5	12.1	13.8
U.S .....	6,672.6	7,607.4	8,089.1	6,643.0	7,554.2	8,063.5	10.5	10.4	10.8

See footnotes on page 215.

Table 294.—Apples, commercial crop: Total production by varieties, United States, 1973–79

Variety	1973	1974	1975	1976	1977	1978	1979 <sup>1</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Cortland .....	127.1	146.6	147.5	124.5	143.9	159.1	145.5
Delicious .....	2,178.3	2,126.9	2,631.8	2,457.5	2,292.2	2,652.5	2,953.3
Golden Delicious .....	977.6	1,079.1	1,115.2	1,167.9	1,195.8	1,238.9	1,440.3
Gravenstein .....	84.2	84.0	90.0	91.0	90.0	65.0	74.0
Jonathan .....	381.6	361.0	434.7	304.2	356.7	401.8	427.2
McIntosh .....	499.2	728.9	699.0	543.3	687.2	765.0	683.8
Northern Spy .....	82.5	93.2	102.7	80.0	104.8	109.6	122.8
R.I. Greening .....	68.5	117.0	150.6	95.0	121.0	173.0	139.0
Rome Beauty .....	513.3	494.2	608.3	480.9	463.7	568.5	593.3
Stayman .....	237.3	246.9	277.9	170.8	198.8	227.9	234.6
Winesap .....	168.1	166.7	193.4	157.5	148.4	161.7	139.7
Yellow Newtown .....	162.5	138.0	139.0	154.0	152.0	165.0	219.0
York Imperial .....	341.7	267.2	341.6	193.3	260.3	349.5	354.2
Other varieties .....	443.1	530.0	598.3	453.3	457.8	569.9	562.4
Total .....	6,265.0	6,579.7	7,530.0	6,473.2	6,672.6	7,607.4	8,089.1

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 295.—Apples: Production and value, United States, 1965-79

Year	Apples, commercial crop <sup>1</sup>				Year	Apples, commercial crop <sup>1</sup>			
	Total production	Utilized production	Season average price <sup>2</sup>	Value		Total production	Utilized production	Season average price <sup>2</sup>	Value
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>
1965 .....	6,140.2	6,001.0	4.32	259,063	1973 .....	6,265.0	6,251.5	8.80	548,965
1966 .....	5,761.4	5,650.2	4.47	252,579	1974 .....	6,579.7	6,529.8	8.40	551,600
1967 .....	5,436.0	5,405.5	5.57	300,856	1975 .....	7,530.0	7,102.6	6.5	460,894
1968 .....	5,469.0	5,446.4	6.11	332,663	1976 .....	6,473.2	6,467.9	9.1	586,577
1969 .....	6,819.6	6,709.4	4.06	272,345	1977 .....	6,672.6	6,643.0	10.5	698,890
1970 .....	6,397.7	6,258.4	4.54	283,869	1978 .....	7,607.4	7,554.2	10.4	783,083
1971 .....	6,373.2	6,082.7	4.92	299,154	1979 <sup>3</sup> .....	8,089.1	8,063.5	10.8	871,676
1972 .....	5,878.8	5,867.5	6.43	377,475					

<sup>1</sup>In orchards of 100 or more bearing-age trees.<sup>2</sup>Fresh fruit prices are equivalent returns at packinghouse door for California, Oregon, and Washington; for other States, returns at point of first sale. Processing prices are equivalent returns at processing plant door.<sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 296.—Apples, fresh (dessert and cooking): Production in specified countries, 1977-79<sup>1</sup>

Continent and country	1977	1978	1979 <sup>2</sup>	Continent and country	1977	1978	1979 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Continued			
Canada <sup>3</sup> .....	411	452	430	Yugoslavia .....	381	381	434
Mexico .....	276	342	350	Total .....	1,658	1,996	2,252
United States <sup>3</sup> .....	3,027	3,451	3,523	Total Europe .....	6,663	8,707	9,009
Total .....	3,714	4,245	4,303				
Europe:				Asia:			
Belgium and Luxembourg .....	120	273	276	Japan .....	959	844	907
Denmark <sup>3</sup> .....	90	81	85	Turkey .....	900	1,100	1,150
France <sup>4</sup> .....	1,242	1,848	1,821	Total .....	1,859	1,944	2,057
Germany, Fed. Rep. of .....	1,176	1,783	1,952	Southern Hemisphere:			
Italy .....	1,828	1,874	1,800	Argentina .....	820	810	972
Netherlands .....	315	510	480	Australia .....	301	258	315
United Kingdom <sup>4</sup> .....	234	342	343	Chile .....	146	158	175
Total EC .....	5,005	6,711	6,757	New Zealand .....	146	185	187
Austria <sup>4</sup> .....	200	203	245	South Africa .....	229	367	353
Greece .....	222	174	280	Total .....	1,702	1,778	2,002
Norway .....	43	59	36	Total specified countries ...	13,938	16,674	17,371
Spain .....	672	1,015	1,073				
Sweden <sup>3</sup> .....	38	34	50				
Switzerland <sup>3,4</sup> .....	102	130	134				

<sup>1</sup>May include some cider varieties in countries not reporting separately.<sup>2</sup>Preliminary.<sup>3</sup>Commercial crop.<sup>4</sup>Excludes cider apples reported separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 297.—Apples, commercial crop: Production and utilization, United States, 1965–79

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Other <sup>2</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1965 .....	6,140.2	6,001.0	3,382.6	1,308.6	184.2	218.2	907.4
1966 .....	5,761.4	5,650.2	3,229.5	1,043.5	254.4	199.8	923.0
1967 .....	5,436.0	5,405.5	3,178.3	1,106.8	159.6	258.1	702.7
1968 .....	5,469.0	5,446.4	3,193.3	1,175.2	173.7	228.3	675.9
1969 .....	6,819.6	6,709.4	3,700.7	1,399.7	262.7	246.7	<sup>3</sup> 1,079.6
1970 .....	6,397.7	6,258.4	3,531.5	1,158.5	189.8	203.0	<sup>3</sup> 1,175.6
1971 .....	6,373.2	6,082.7	3,483.9	1,093.5	96.2	190.5	<sup>3</sup> 1,218.6
1972 .....	5,878.8	5,867.5	3,342.0	976.9	148.6	235.3	<sup>3</sup> 1,164.7
1973 .....	6,265.0	6,251.5	3,539.4	1,255.4	247.7	259.2	<sup>3</sup> 949.8
1974 .....	6,579.7	6,529.8	3,690.5	1,225.6	197.2	181.7	<sup>3</sup> 1,234.8
1975 .....	7,530.0	7,102.6	4,357.0	1,026.7	229.5	206.6	<sup>3</sup> 1,282.8
1976 .....	6,473.2	6,467.9	3,916.8	919.9	229.3	220.4	<sup>3</sup> 1,181.5
1977 .....	6,672.6	6,643.0	3,793.6	1,074.9	225.5	160.9	<sup>3</sup> 1,388.1
1978 .....	7,607.4	7,554.2	4,221.0	1,223.6	221.0	207.4	<sup>3</sup> 1,681.2
1979 <sup>4</sup> .....	8,089.1	8,063.5	4,300.7	1,334.7	263.7	136.6	<sup>3</sup> 2,027.8

<sup>1</sup>Includes "Home use."<sup>2</sup>Mostly crushed for vinegar, cider, and juice. For some States, small quantities canned, dried, and frozen are included.<sup>3</sup>Includes the following quantities of juice and cider (million pounds): 1969—936.1; 1970—1,031.7; 1971—1,087.0; 1972—1,028.6; 1973—822.2; 1974—1,030.7; 1975—1,191.6; 1976—1,109.1; 1977—1,267.2; 1978—1,494.8; and 1979—1,909.0.<sup>4</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 298.—Apples, commercial crop: Production and utilization, by States, crop of 1979 (preliminary)

State	Total production	Utilized production	Utilization					
			Fresh <sup>1</sup>	Processed (fresh basis)				
				Canned	Dried	Frozen	Juice and cider	Other <sup>2</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Calif .....	600.0	600.0	130.0	134.0	92.0	( <sup>3</sup> )	244.0	( <sup>3</sup> )
Mich .....	680.0	680.0	235.0	163.0	.....	57.0	213.0	7.0
N.Y. ....	1,035.0	1,035.0	405.0	232.0	( <sup>3</sup> ) 47.0	46.0	289.0	16.0
Oreg .....	170.0	170.0	115.0	17.0	( <sup>3</sup> )	( <sup>3</sup> )	33.5	.....
Pa .....	535.0	535.0	187.7	213.8	.....	2.6	123.0	2.9
Va .....	470.0	470.0	140.0	193.0	.....	( <sup>3</sup> )	111.6	( <sup>3</sup> )
Wash .....	2,560.0	2,560.0	1,840.0	98.0	116.0	.....	457.0	49.0
W. Va .....	260.0	260.0	88.4	101.5	.....	10.7	56.7	2.7
Other States <sup>4</sup> .....	1,779.1	1,753.5	1,159.6	177.4	8.7	20.3	376.2	41.2
U.S. ....	8,089.1	8,063.5	4,300.7	1,334.7	263.7	136.6	1,909.0	118.8

<sup>1</sup>Includes "Home use."<sup>2</sup>Mostly vinegar, wine, and jam.<sup>3</sup>Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals.<sup>4</sup>Arkansas, Colorado, Connecticut, Delaware, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Missouri, New Hampshire, New Jersey, New Mexico, North Carolina, Ohio, Rhode Island, South Carolina, Tennessee, Utah, Vermont, and Wisconsin.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 299.—Apples: International trade, 1976-78

Continent and country	1976		1977		1978	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada .....	45,008	79,672	47,887	66,708	56,085	74,488
United States .....	115,736	52,709	143,412	49,437	144,141	60,005
Total .....	160,744	132,381	191,299	116,145	200,226	134,493
South America:						
Argentina .....	268,557		305,600		339,213	
Brazil .....		189,397		202,565		
Chile .....	61,349		67,807		116,122	
Total .....	329,906	189,397	373,407	202,565	455,335	
Europe:						
Austria .....	5,215	66,781	2,852	71,546	6,950	57,984
Belgium and Luxembourg .....	60,365	103,328	54,233	124,233	54,784	134,662
Denmark .....	16,905	27,783	23,163	26,162	26,022	25,258
Finland .....		59,735		43,127		44,581
France:						
Table .....	640,322	80,632	495,901	149,335	540,342	110,976
Cider .....	855		254		6,620	
Germany, Fed. Rep. of .....	29,984	608,601	36,639	620,634	41,007	530,841
Ireland .....		29,885		25,627		32,115
Italy .....	461,226	21,008	574,560	12,176	375,850	58,480
Netherlands .....	123,014	161,901	125,559	163,661	148,386	161,691
Norway .....		39,175		34,970		38,438
Sweden .....	2,672	64,608	2,692	62,692	1,632	59,655
Switzerland						
Table <sup>1</sup> .....	409	13,418	6,495	28,498	2,129	18,609
Cider <sup>1</sup> .....	48		3,695	178		
United Kingdom .....		381,396		339,295		343,656
Yugoslavia .....	1,022		25,197		10,000	
Total .....	1,342,037	1,658,251	1,351,240	1,702,134	1,213,722	1,666,946
Africa:						
South Africa .....	119,107		192,133		170,597	
Asia:						
Hong Kong .....	7,087	53,185	9,536	51,636	5,921	44,203
Japan .....	1,309	82	2,269		3,125	
Total .....	8,396	53,267	11,805	51,636	9,046	44,203
Oceania:						
Australia .....	61,180		46,083		37,180	
New Zealand .....	79,832		66,632		83,355	
Total .....	141,012		112,715		120,535	
World total .....	2,101,202	2,033,296	2,232,599	2,072,480	2,169,461	1,845,642

<sup>1</sup> Includes pears.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

**Table 300.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1976/77–1978/79**

Country	Year beginning July			Country	Year beginning July		
	1976/77	1977/78	1978/79		1976/77	1977/78	1978/79
<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<b>EXPORTS—Continued</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Bermuda and Caribbean—Continued			
Finland .....	2,468	3,180	2,858	Netherlands Antilles .....	737	882	1,001
France .....	58	735	46	Trinidad and Tobago .....	582	885	944
Iceland .....	778	1,445	1,370	Other countries .....	50	73	86
Ireland .....	266	1,410	951	<b>Total .....</b>	<b>3,878</b>	<b>4,373</b>	<b>4,866</b>
Netherlands .....	487	2,806	718	<b>Other countries:</b>			
Norway .....	1,807	3,429	2,834	Canada .....	54,488	48,970	49,082
Sweden .....	2,642	4,544	3,172	China, Taiwan .....	2,763	1,850	3,091
United Kingdom .....	1,438	8,318	6,164	French Pacific Islands .....	348	420	258
Other countries .....		25	45	Hong Kong .....	11,945	11,314	14,385
<b>Total .....</b>	<b>9,944</b>	<b>25,892</b>	<b>18,158</b>	Indonesia .....	2,614	2,507	2,297
<b>Latin America:</b>				Liberia .....	182	117	98
Brazil .....	410	1,454	945	Malaysia .....	1,316	1,394	2,130
Colombia .....	1,855	4,064	3,721	New Zealand .....	730	1,232	1,811
Costa Rica .....	393	496	888	Other Pacific Islands .....	164	141	213
Ecuador .....	661	859	771	Philippines .....	666	521	594
Guatemala .....	1,071	835	1,459	Saudi Arabia .....		18,543	16,782
Honduras .....	623	813	1,127	Singapore .....	6,778	5,297	4,461
Mexico .....	7,372	8,155	4,673	Thailand .....	974	1,222	32
Nicaragua .....	340	459	131	Other countries .....	97	309	25,896
Panama .....	570	606	976	<b>Total .....</b>	<b>83,065</b>	<b>93,837</b>	<b>101,130</b>
Surinam .....	68	59	71	<b>Grand total .....</b>	<b>120,063</b>	<b>149,939</b>	<b>143,275</b>
Venezuela .....	9,753	7,963	4,064	<b>IMPORTS</b>			
Other countries .....	60	74	129	Australia .....	104	384	89
<b>Total .....</b>	<b>23,176</b>	<b>25,837</b>	<b>19,121</b>	Canada .....	33,024	37,102	33,139
<b>Bermuda and Caribbean:</b>				Chile .....	430	3,959	10,917
Bahamas .....	576	510	400	France .....	71		773
Barbados .....	177	156	303	New Zealand .....	10,442	8,571	8,235
Bermuda .....	292	447	176	South Africa .....	3,682	6,910	2,840
Dominican Republic .....	1,282	1,181	1,473	Other countries .....	22	217	166
French West Indies .....	82	94	270	<b>Total .....</b>	<b>47,775</b>	<b>57,143</b>	<b>56,159</b>
Haiti .....	74	95	76				
Leeward and Windward Islands .....	26	50	137				

<sup>1</sup> Includes 251 tons to El Salvador.<sup>2</sup> Includes 4,341 tons to United Arab Emirates.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 301.—Apples: <sup>1</sup>Foreign trade, United States, 1965–78**

Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports		Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports	
		Fresh	Dried in terms of fresh <sup>1</sup>			Fresh	Dried, in terms of fresh <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1965 .....	703	5,839	570	1972 .....	2,349	3,111	346
1966 .....	1,445	4,098	308	1973 .....	1,941	3,714	285
1967 .....	2,674	2,927	248	1974 .....	1,605	4,873	172
1968 .....	2,612	1,577	204	1975 .....	2,563	4,705	172
1969 .....	1,876	2,342	157	1976 <sup>2</sup> .....	2,559	5,680	209
1970 .....	2,104	2,099	192	1977 <sup>2</sup> .....	2,923	6,538	377
1971 .....	1,781	2,453	101	1978 <sup>2</sup> .....	3,603	7,109	334

<sup>1</sup> Dried converted to terms of fresh apples on following basis; 1 pound dried is equivalent to 8 pounds fresh; 48 pounds fresh equal 1 bushel. No re-exports reported.<sup>2</sup> Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 302.—Apricots: Production and value, United States, 1965-79<sup>1</sup>

Year	Total production	Utilized production	Season average price per ton <sup>2</sup>	Value	Year	Total production	Utilized production	Season average price per ton <sup>2</sup>	Value
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	226,000	210,940	93.00	19,629	1973 .....	157,900	157,690	168.00	26,442
1966 .....	193,500	192,400	123.00	23,569	1974 .....	93,550	93,550	270.00	25,281
1967 .....	147,900	147,525	158.00	23,357	1975 .....	182,600	175,600	214.00	37,609
1968 .....	149,400	149,280	183.00	27,348	1976 .....	154,600	128,440	200.00	25,703
1969 .....	228,600	228,450	143.00	32,640	1977 .....	147,400	141,400	210.00	29,696
1970 .....	175,000	174,700	111.00	19,842	1978 .....	126,300	126,300	249.00	31,410
1971 .....	186,450	148,850	94.80	14,112	1979 <sup>3</sup> .....	144,500	144,500	272.00	39,320
1972 .....	127,600	127,470	144.00	18,331					

<sup>1</sup> Production, price, and value for California, Utah, and Washington.<sup>2</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Services—Crop Reporting Board.

Table 303.—Apricots: Production and season average price per ton, by States, 1977-79

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Calif .....	143,000	123,000	140,000	137,000	123,000	140,000	207.00	247.00	288.00
Utah .....	1,800	600	2,000	1,800	600	2,000	249.00	460.00	480.00
Wash .....	2,600	2,700	2,500	2,600	2,700	2,500	342.00	279.00	336.00
Total .....	147,400	126,300	144,500	141,400	126,300	144,500	210.00	249.00	272.00

<sup>1</sup> Preliminary.<sup>2</sup> Quantities processed are priced at the equivalent processing plant door level.

Economics, Statistics, and Cooperatives Services—Crop Reporting Board.

Table 304.—Apricots, fresh: Production in specified countries, 1977-79

Continent and country	1977	1978	1979 <sup>1</sup>	Continent and country	1977	1978	1979 <sup>1</sup>
	<i>1,000 tons metric</i>	<i>1,000 tons metric</i>	<i>1,000 tons metric</i>		<i>1,000 tons metric</i>	<i>1,000 tons metric</i>	<i>1,000 tons metric</i>
North America:				Asia:			
Canada .....	2.6	2.5	2.4	Turkey <sup>2</sup> .....	151.0	153.0	154.0
United States .....	133.7	114.6	131.1				
Total .....	136.3	117.1	133.5	Southern Hemisphere:			
Europe:				Argentina .....	26.0	23.0	25.0
Austria .....	4.3	14.1	12.4	Australia .....	26.8	24.8	30.0
France .....	67.2	85.7	57.6	Chile .....	15.1	14.4	15.6
Germany, Fed. Rep. of .....	1.8	3.0	1.2	New Zealand .....	5.7	5.0	6.7
Greece .....	69.1	46.0	77.0	South Africa .....	35.0	29.4	32.8
Italy .....	84.0	81.0	78.0	Total .....	108.6	96.6	110.1
Spain .....	65.4	227.0	149.0				
Switzerland .....	6.0	5.6	4.2	Total specified countries ...	713.4	842.7	794.0
Yugoslavia .....	19.7	13.6	17.0				
Total .....	317.5	476.0	396.4				

<sup>1</sup> Preliminary.<sup>2</sup> Includes wild apricots.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 305.—Apricots: Production and utilization, United States,<sup>1</sup> 1965–79

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh <sup>2</sup>	Processed (fresh basis)		
				Canned <sup>3</sup>	Dried	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1965 .....	226,000	210,940	<sup>4</sup> 15,140	156,000	30,800	9,000
1966 .....	198,500	192,400	18,530	126,370	39,000	8,500
1967 .....	147,900	147,525	11,555	106,270	22,000	7,700
1968 .....	149,400	149,280	11,885	106,095	23,100	8,200
1969 .....	228,600	228,450	12,700	164,450	41,800	9,500
1970 .....	175,000	174,700	14,540	116,060	36,400	7,700
1971 .....	186,450	148,850	16,920	99,530	26,000	6,400
1972 .....	127,600	127,470	10,050	93,020	18,000	6,400
1973 .....	157,900	157,690	11,870	116,720	19,500	9,600
1974 .....	93,550	93,550	8,450	62,500	17,000	5,600
1975 .....	182,600	175,600	10,100	122,800	28,500	14,200
1976 .....	154,600	128,440	12,840	76,200	29,300	10,100
1977 .....	147,400	141,400	12,060	79,340	39,500	10,500
1978 .....	126,300	126,300	9,300	78,500	30,000	8,500
1979 <sup>5</sup> .....	144,500	144,500	11,190	84,010	39,500	9,800

<sup>1</sup>California, Utah, and Washington.<sup>2</sup>Includes "Home use."<sup>3</sup>Includes some quantities frozen or otherwise processed.<sup>4</sup>Beginning 1965, includes some quantities canned.<sup>5</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 306.—Apricots: Production and utilization, by States, crop of 1979 (preliminary)

State	Total production	Utilized production	Utilization			
			Fresh	Processed (fresh basis)		
				Canned	Dried	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Calif .....	140,000	140,000	7,000	83,700	39,500	9,800
Utah .....	2,000	2,000	( <sup>1</sup> )	( <sup>1</sup> )	.....	.....
Wash .....	2,500	2,500	( <sup>1</sup> )	( <sup>1</sup> )	.....	.....
U.S. ....	144,500	144,500	<sup>1</sup> 11,190	<sup>1,2</sup> 84,010	39,500	9,800

<sup>1</sup>Missing data not published to avoid disclosure of individual operations, but included in U.S. total.<sup>2</sup>Some quantities used for juice are included in "Canned" to avoid disclosure of individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 307.—Apricots: Foreign trade, United States, 1965-78

Year beginning July	Domestic exports					Year beginning July	Domestic exports				
	Fresh	Canned <sup>1</sup>	Dried <sup>1</sup>	Dried in fruit salad <sup>2</sup>	Total, in terms of fresh <sup>3</sup>		Fresh	Canned <sup>1</sup>	Dried <sup>1</sup>	Dried in fruit salad <sup>2</sup>	Total, in terms of fresh <sup>3</sup>
	1,000 tons	1,000 pounds	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 pounds	1,000 tons	1,000 tons	1,000 tons
1965 .....	4,826	10,249	1,550	486	20,382	1972 .....	1,668	5,520	919	215	10,011
1966 .....	2,002	6,003	1,293	335	13,580	1973 .....	2,244	5,182	919	243	10,619
1967 .....	1,338	2,710	613	310	7,472	1974 .....	1,451	1,450	587	238	6,569
1968 .....	955	2,471	460	243	5,777	1975 .....	2,924	2,111	880	250	9,489
1969 .....	4,012	4,216	693	266	10,901	1976 <sup>4</sup> .....	1,992	2,405	1,164	220	9,966
1970 .....	2,139	2,746	525	209	7,230	1977 <sup>4</sup> .....	( <sup>5</sup> )	2,739	( <sup>5</sup> )	253	2,280
1971 .....	3,501	4,262	609	224	9,700	1978 <sup>4</sup> .....	( <sup>5</sup> )	4,958	( <sup>5</sup> )	191	2,762

<sup>1</sup> Net processed weight.<sup>2</sup> Dried apricots are 12½ percent of total dried fruit for salad.<sup>3</sup> Dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 5.5 pounds fresh. Canned apricots converted to terms of fresh on the basis that 1 pound canned equals 0.717 pounds fresh.<sup>4</sup> Year beginning October.<sup>5</sup> Not available.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 308.—Avocados: Production, season average price per ton, and value, United States, 1965-66 to 1979-80

Season	California			Florida			California and Florida <sup>3</sup>		
	Production <sup>1</sup>	Price <sup>2</sup>	Value	Production <sup>1</sup>	Price <sup>2</sup>	Value	Production <sup>1</sup>	Price <sup>2</sup>	Value
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1965-66 .....	58,000	282	15,196	2,800	450	1,260	60,800	271	16,456
1966-67 .....	74,500	202	15,049	5,800	224	1,299	80,300	204	16,348
1967-68 .....	37,400	460	17,204	14,700	188	2,764	52,100	383	19,968
1968-69 .....	61,100	300	18,300	12,600	237	2,986	73,700	289	21,316
1969-70 .....	31,700	682	21,619	14,000	288	4,032	45,700	561	25,651
1970-71 .....	67,000	376	25,192	18,800	290	5,452	85,800	357	30,644
1971-72 .....	26,100	952	24,847	19,300	338	6,523	45,400	691	31,370
1972-73 .....	70,500	546	38,493	18,800	321	6,035	89,300	499	44,528
1973-74 .....	53,400	793	42,346	20,300	355	7,207	73,700	672	49,553
1974-75 .....	105,500	475	50,113	21,900	327	7,161	127,400	450	57,274
1975-76 .....	58,400	1,037	60,561	29,000	400	11,600	87,400	826	72,161
1976-77 .....	120,000	593	71,160	21,100	416	8,651	141,100	567	79,811
1977-78 .....	107,000	740	79,180	10,700	690	7,383	117,700	735	86,563
1978-79 .....	123,000	691	84,993	23,100	400	9,240	146,100	645	94,233
1979-80 <sup>4</sup> .....	70,000	1,429	100,030	26,000	615	15,990	96,000	1,209	116,020

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Equivalent returns per ton for bulk fruit at the first delivery point. Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> Season from Nov. 1 to Nov. 30 (following year) for California and June 20 to Mar. 1 for Florida.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 309.—Avocados: Foreign trade, United States, 1965–78

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	1,000 tons		1,000 tons		1,000 tons
1965 .....	125	1970 .....	572	1975 .....	1,471
1966 .....	295	1971 .....	1,132	1976 <sup>1</sup> .....	2,198
1967 .....	187	1972 .....	976	1977 <sup>1</sup> .....	3,486
1968 .....	100	1973 .....	1,126	1978 <sup>1</sup> .....	1,893
1969 .....	399	1974 .....	1,660		

<sup>1</sup> Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 310.—Bananas: Area, yield, production, price and value, Hawaii, 1965–79

Year	Area harvested	Yield per acre <sup>1</sup>	Production <sup>2</sup>	Price per pound	Value	Year	Area harvested	Yield per acre <sup>1</sup>	Production <sup>2</sup>	Price per pound	Value
	Acres	1,000 pounds	1,000 pounds	Cents	1,000 dollars		Acres	1,000 pounds	1,000 pounds	Cents	1,000 dollars
1965 .....	950	7.5	7,100	7.7	545	1973 .....	660	11.1	7,295	10.6	773
1966 .....	1,010	8.6	8,730	7.7	668	1974 .....	610	10.8	6,600	13.1	865
1967 .....	1,010	8.0	8,095	7.0	567	1975 .....	630	9.8	6,200	13.8	856
1968 .....	965	6.7	6,485	7.7	499	1976 .....	560	9.0	5,030	15.5	780
1969 .....	930	6.6	6,170	9.4	580	1977 .....	550	10.5	5,800	15.6	905
1970 .....	760	7.4	5,600	10.6	594	1978 .....	560	8.6	4,800	18.5	888
1971 .....	725	8.1	5,865	11.6	680	1979 <sup>3</sup> .....	630	7.5	4,730	20.5	970
1972 .....	720	8.3	6,000	12.0	720						

<sup>1</sup> Derived from total production.<sup>2</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 pounds): 60 in 1965.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 311.—Bushberries: Area, yield, production, utilization, price, and value, United States, 1965–79

Year	Area Harvested	Yield per acre <sup>1</sup>	Production		Utilization		Price per pound <sup>2</sup>	Value
			Total	Utilized	Fresh	Processed		
	Acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars
1965 .....	17,910	4,662	83,492	83,083	2,874	80,209	18.5	15,381
1966 .....	18,810	5,243	98,619	92,879	2,801	90,078	15.0	13,955
1967 .....	18,390	4,801	88,282	89,953	3,803	80,150	13.3	11,142
1968 .....	16,950	4,418	75,873	74,886	3,760	71,126	16.5	12,378
1969 .....	16,480	5,213	86,044	85,904	3,790	82,114	23.5	20,148
1970 .....	16,160	4,892	79,365	79,061	3,717	75,344	18.5	14,653
1971 .....	15,410	4,387	69,016	67,607	4,153	68,454	18.1	12,258
1972 .....	14,090	4,421	62,585	62,291	4,301	57,990	28.8	17,925
1973 .....	11,710	3,694	43,694	43,260	3,722	39,538	46.4	20,061
1974 .....	13,570	4,802	66,019	65,168	3,814	61,354	29.7	19,371
1975 .....	12,100	5,180	64,570	62,672	3,923	58,749	22.0	13,789
1976 .....	11,030	5,185	57,385	57,555	4,078	63,477	30.7	17,643
1977 .....	10,960	5,314	58,921	58,245	3,716	54,529	48.6	28,299
1978 <sup>3</sup> .....	45,580	2,821	129,056	128,535	26,978	101,607	62.5	80,320
1979 <sup>4</sup> .....	45,900	2,946	135,967	135,200	39,021	96,179	54.4	73,568

<sup>1</sup> Yield is derived from total production through 1967; beginning 1968, yield is derived from utilized production.<sup>2</sup> Price per pound is derived.<sup>3</sup> Maine, Michigan, New Jersey, North Carolina, and Oregon added to the Bushberry program.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 312.—Bushberries: Area, yield, production, utilization, price, and value, by States, 1979 (preliminary)

City and State	Area harvested	Yield per acre	Production		Utilization		Price per pound	Value
			Total	Utilized	Fresh	Processed		
<b>BLACKBERRIES, CULTIVATED</b>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
Oreg .....	2,500	5,600	14,000	14,000	550	13,450	58.3	8,162
Wash .....	200	2,540	508	508	21	487	53.4	271
Total .....	2,700	5,373	14,508	14,508	571	13,937	58.1	8,433
<b>BLUEBERRIES</b>								
Maine .....	14,800	1,150	17,000	17,000	.....	17,000	35.0	5,950
Mich .....	8,700	4,140	36,000	36,000	10,800	25,200	44.9	16,164
N.J. ....	7,800	3,000	23,400	23,400	17,400	6,000	59.0	13,806
N.C. ....	3,300	2,330	7,980	7,700	5,130	2,570	63.1	4,859
Oreg .....	500	5,800	2,900	2,900	1,000	1,900	53.5	1,552
Wash .....	790	6,070	5,005	4,795	1,412	3,383	52.3	2,508
Total .....	35,890	2,558	92,285	91,795	35,742	56,053	48.8	44,839
<b>BOYSENBERRIES AND YOUNGBERRIES</b>								
Oreg .....	800	2,750	2,200	2,200	100	2,100	79.2	1,742
<b>CURRANTS</b>								
Wash .....	80	1,390	115	111	2	109	42.3	47
<b>LOGANBERRIES</b>								
Oreg .....	400	2,900	1,160	1,160	30	1,130	60.9	706
<b>BLACK RASPBERRIES</b>								
Oreg .....	1,300	1,850	2,400	2,400	30	2,370	85.1	2,042
Wash .....	130	2,200	286	286	2	284	86.7	248
Total .....	1,430	1,878	2,686	2,686	32	2,654	85.3	2,290
<b>RED RASPBERRIES</b>								
Oreg .....	2,000	5,000	10,000	10,000	700	9,300	67.2	6,720
Wash .....	2,600	4,900	13,013	12,740	1,844	10,896	69.0	8,791
Total .....	4,600	4,943	23,013	22,740	2,544	20,196	68.2	15,511

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 293

<sup>1</sup>In orchards of 100 or more bearing-age trees.<sup>2</sup>Preliminary.<sup>3</sup>Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 313.—Cherries: Production and value, United States, 1965-79

Year	All varieties			Sweet varieties				Tart varieties			
	Total production	Utilized production	Value	Total production	Utilized production	Season average price per ton	Value	Total production	Utilized production	Season average price per pound	Value
	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1965 .....	264,730	248,194	45,323	87,820	86,780	332.00	28,854	353.8	322.8	5.1	16,469
1966 .....	205,910	200,546	67,833	115,910	111,050	389.00	43,237	180.0	179.0	13.7	24,596
1967 .....	199,980	199,143	76,167	110,990	110,153	400.00	44,113	178.0	178.0	17.4	31,054
1968 .....	228,891	228,464	81,282	91,121	90,810	436.00	39,548	275.5	275.3	15.2	41,734
1969 .....	285,860	278,210	66,429	128,310	126,960	338.00	42,886	315.1	302.5	7.8	23,543
1970 .....	246,660	239,430	60,985	122,260	121,530	355.00	43,173	248.8	235.8	7.6	17,812
1971 .....	279,940	277,990	70,963	141,290	139,990	315.00	44,047	277.3	276.0	9.8	26,916
1972 .....	251,950	230,140	58,377	96,050	95,840	382.00	36,649	311.8	268.6	8.2	22,088
1973 .....	245,930	241,330	88,276	158,630	154,630	358.00	55,331	174.6	173.4	19.0	32,945
1974 .....	279,430	279,280	113,025	146,980	146,980	436.00	64,057	264.9	264.6	18.5	48,968
1975 .....	301,160	278,960	88,572	155,910	155,910	407.00	63,484	290.5	246.1	10.2	25,088
1976 .....	246,210	240,980	101,256	172,910	167,680	384.00	64,450	146.6	146.6	25.1	36,806
1977 .....	253,250	251,950	134,635	147,800	146,500	496.00	72,686	210.9	210.9	29.4	61,949
1978 .....	245,650	245,650	186,649	155,050	155,050	692.00	107,315	181.2	181.2	43.8	79,334
1979 <sup>1</sup> .....	267,700	267,550	190,522	182,500	182,350	603.00	110,017	170.4	170.4	47.2	80,505

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 314.—Cherries: Production and season average price, by States, 1977-79

States	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
<b>SWEET VARIETIES</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Calif .....	27,000	14,000	34,300	27,000	14,000	34,300	581.00	1,012.00	806.00
Colo <sup>3</sup> .....	550	150	.....	550	150	.....	680.00	1,048.00	.....
Idaho .....	2,200	2,500	3,000	2,050	2,500	3,000	460.00	691.00	549.00
Mich .....	23,000	35,000	24,500	23,000	35,000	24,500	410.00	458.00	408.00
Mont .....	2,600	1,850	2,950	2,550	1,850	2,950	518.00	701.00	682.00
N.Y .....	1,800	3,500	4,200	1,800	3,500	4,050	552.00	548.00	447.00
Oreg .....	37,500	35,000	38,000	37,500	35,000	38,000	428.00	630.00	544.00
Pa .....	350	750	950	350	750	950	836.00	948.00	1,122.00
Utah .....	5,800	3,000	5,600	4,700	3,000	5,600	461.00	769.00	599.00
Wash .....	47,000	59,300	69,000	47,000	59,300	69,000	541.00	792.00	606.00
Total 10 States	147,800	155,050	182,500	146,500	155,050	182,350	496.00	692.00	603.00
<b>TART VARIETIES</b>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>Cents per pound</i>	<i>Cents per pound</i>
Colo .....	2.3	1.3	1.7	2.3	1.3	1.7	24.3	41.6	44.2
Mich .....	162.0	128.0	100.0	162.0	128.0	100.0	29.5	44.4	48.5
N.Y .....	11.8	18.9	27.3	11.8	18.9	27.3	29.5	42.9	46.2
Ohio <sup>3</sup> .....	.2	.2	.....	.2	.2	.....	50.0	60.0	.....
Oreg .....	8.0	3.8	3.5	8.0	3.8	3.5	29.2	39.4	43.4
Pa .....	3.2	6.2	6.3	3.2	6.2	6.3	29.8	41.7	49.6
Utah .....	11.2	11.3	17.0	11.2	11.3	17.0	28.6	39.0	43.6
Wis .....	12.2	11.5	14.6	12.2	11.5	14.6	28.9	45.6	45.1
Total 8 States	210.9	181.2	170.4	210.9	181.2	170.4	29.4	43.8	47.2

<sup>1</sup> Preliminary.<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> Estimates discontinued after 1978 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 315.—Cherries, fresh: Production in specified countries, 1977-79

Continent and country	1977	1978	1979 <sup>1</sup>	Continent and country	1977	1978	1979 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Continued			
Canada .....	17.2	14.5	18.7	Yugoslavia .....	86.5	85.7	110.0
United States .....	229.8	222.9	242.9	Total .....	585.0	708.9	790.9
Total .....	247.0	237.4	261.6	Asia:			
Europe:				Japan .....	16.3	15.7	17.4
Austria .....	17.9	25.1	26.6	Turkey .....	135.0	141.0	140.0
Belgium and Luxembourg .....	11.0	10.2	13.3	Total .....	151.3	156.7	157.4
Denmark .....	5.1	6.7	5.4	Southern Hemisphere:			
France .....	47.6	83.6	112.0	Argentina .....	2.4	2.3	2.7
Germany, Fed. Rep. of .....	182.1	259.3	261.1	Australia .....	6.7	7.3	9.0
Greece .....	24.0	22.0	31.0	Chile .....	5.0	5.0	5.7
Italy .....	143.7	102.8	113.0	Total .....	14.1	14.6	17.4
Netherlands .....	1.3	2.8	2.0	Total specified countries ...	997.4	1,117.6	1,227.3
Norway .....	4.2	5.7	4.1				
Spain .....	46.8	77.0	78.0				
Switzerland .....	11.9	24.6	27.7				
United Kingdom .....	2.9	3.4	6.7				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 316.—Cherries: Foreign trade, United States, 1965-78

Year beginning July	Imports		Domestic exports		Year beginning July	Imports		Domestic exports	
	Natural, sulfured, or in brine	Dried or preserved	Canned	Fresh		Natural, sulfured, or in brine	Dried or preserved	Canned	Fresh
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1965 .....	1,977	7,183	33,534	4,687	1972 .....	2,201	7,636	9,457	15,989
1966 .....	5,130	8,404	3,786	4,620	1973 .....	919	3,585	2,463	12,824
1967 .....	5,626	8,623	3,390	3,727	1974 .....	261	2,747	2,806	15,422
1968 .....	11,033	9,138	3,155	5,180	1975 .....	285	1,667	2,052	14,733
1969 .....	2,696	8,421	15,072	7,337	1976 <sup>1</sup> .....	167	1,282	3,124	11,961
1970 .....	3,432	7,674	2,304	6,293	1977 <sup>1</sup> .....	227	477	3,742	15,801
1971 .....	1,539	6,991	1,619	8,988	1978 <sup>1</sup> .....	2,463	1,287	5,280	23,558

<sup>1</sup> Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 318

<sup>1</sup> Includes "Home use."

<sup>2</sup> Sweet varieties include some quantities used for juice, wine, brandy, freezing, etc.; tart varieties include some quantities used for juice, jam, jelly, brining, etc.

<sup>3</sup> California, Colorado, Idaho, Montana, New York, Pennsylvania, and Utah.<sup>4</sup> Colorado, New York, Ohio, Oregon, Pennsylvania, Utah, and Wisconsin.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 317.—Cherries: Production and utilization, United States,<sup>1</sup> 1965-79

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh <sup>2</sup>	Processed (fresh basis)		
				Canned <sup>3</sup>	Frozen	Brined <sup>4</sup>
<b>SWEET VARIETIES</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1965 .....	87,820	86,780	30,004	13,175	.....	43,601
1966 .....	115,910	111,050	44,138	12,543	.....	54,369
1967 .....	110,990	110,153	42,202	14,492	.....	53,459
1968 .....	91,121	90,810	35,733	11,115	.....	43,962
1969 .....	128,310	126,960	49,820	19,335	.....	57,805
1970 .....	122,260	121,530	48,292	11,833	.....	61,405
1971 .....	141,290	139,990	68,627	<sup>5</sup> 12,998	.....	58,365
1972 .....	96,050	95,840	41,668	11,017	.....	43,155
1973 .....	158,630	154,630	82,839	16,948	.....	54,843
1974 .....	146,980	146,980	67,516	25,864	.....	53,600
1975 .....	155,910	155,910	77,500	14,520	.....	63,890
1976 .....	172,910	167,680	95,110	21,180	.....	51,390
1977 .....	147,800	146,500	72,400	21,990	.....	52,110
1978 .....	155,050	155,050	67,340	28,060	.....	59,650
1979 <sup>6</sup> .....	182,500	182,350	85,400	22,950	.....	74,000
<b>TART VARIETIES</b>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1965 .....	353.8	322.8	13.0	139.8	170.0	.....
1966 .....	180.0	179.0	13.2	73.5	92.3	.....
1967 .....	178.0	178.0	9.3	60.8	107.9	.....
1968 .....	275.5	275.3	11.5	96.8	167.0	.....
1969 .....	315.1	302.5	9.5	126.7	166.3	.....
1970 .....	248.8	235.8	10.0	86.7	139.1	.....
1971 .....	277.3	276.0	8.8	82.5	184.7	.....
1972 .....	311.8	268.6	6.3	96.1	166.2	.....
1973 .....	174.6	173.4	5.4	51.9	116.1	.....
1974 .....	264.9	264.6	4.4	97.6	162.6	.....
1975 .....	290.5	246.1	7.2	89.7	149.2	.....
1976 .....	146.6	146.6	6.0	42.4	98.2	.....
1977 .....	210.9	210.9	6.1	65.5	139.3	.....
1978 .....	181.2	181.2	5.0	49.9	126.3	.....
1979 <sup>6</sup> .....	170.4	170.4	4.3	49.8	116.3	.....

<sup>1</sup> California, Colorado, Idaho, Michigan, Montana, New York, Ohio, Oregon, Pennsylvania, Utah, Washington, and Wisconsin. <sup>2</sup> Includes "Home use." <sup>3</sup> For tart varieties, includes small quantities brined or used for juice, wine, preserves, and candied cherries. <sup>4</sup> Sweet varieties include small quantities used for juice, wine, brandy, canning, etc., through 1970; beginning 1971, brined only. <sup>5</sup> Sweet varieties, beginning 1971, include small quantities used for juice, wine, brandy, etc. <sup>6</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 318.—Cherries: Production and utilization, by States, crop of 1979 (preliminary)

Variety and State	Total production	Utilized production	Utilization			
			Fresh <sup>1</sup>	Processed (fresh basis)		
				Canned and otherwise processed <sup>2</sup>	Frozen	Brined
<b>SWEET VARIETIES</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Mich .....	24,500	24,500	1,500	6,200	.....	16,800
Oreg .....	38,000	38,000	8,800	8,100	.....	21,300
Wash .....	69,000	69,000	47,500	7,300	.....	14,200
Other States <sup>3</sup> .....	51,000	50,850	27,800	1,350	.....	21,700
U.S. ....	182,500	182,350	85,400	22,950	.....	74,000
<b>TART VARIETIES</b>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Mich .....	100.0	100.0	2.0	30.0	68.0	.....
Other States <sup>4</sup> .....	70.4	70.4	2.3	19.8	48.3	.....
U.S. ....	170.4	170.4	4.3	49.8	116.3	.....

See footnotes on page 217.

Table 319.—Citrus fruits: Production and value, United States, for season of 1965-66 to 1978-79

Season <sup>1</sup>	Production	Season average returns per box <sup>2</sup>	Value	Quantities processed <sup>3</sup>	Production	Season average returns per box <sup>2</sup>	Value	Quantities processed <sup>3</sup>
	Oranges <sup>4</sup>				Grapefruit			
	<i>1,000 boxes</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 boxes</i>
1965-66 .....	135,470	2.48	335,941	92,075	46,695	1.95	91,228	23,694
1966-67 .....	182,850	1.84	337,309	134,063	55,676	1.38	76,586	30,438
1967-68 .....	124,490	3.08	383,807	91,698	44,058	2.54	111,787	21,827
1968-69 .....	183,760	2.43	446,972	138,621	54,170	1.68	90,842	31,503
1969-70 .....	185,770	2.09	388,313	141,064	53,910	2.24	120,994	30,201
1970-71 .....	189,430	2.45	463,506	145,529	60,560	2.40	145,287	36,142
1971-72 .....	191,450	2.87	549,369	148,015	64,250	2.89	185,890	37,279
1972-73 .....	224,660	2.69	603,305	182,263	65,640	2.70	177,055	38,219
1973-74 .....	216,210	2.78	600,691	171,323	65,500	2.41	157,673	37,808
1974-75 .....	237,810	2.75	653,759	183,457	61,610	2.51	154,439	33,223
1975-76 .....	242,780	2.80	678,717	192,540	70,080	2.21	154,802	37,536
1976-77 .....	242,950	3.34	811,196	195,782	74,600	2.35	175,467	46,042
1977-78 .....	220,120	5.45	1,198,657	175,549	74,660	2.54	189,692	44,382
1978-79 <sup>5</sup> .....	210,500	6.44	1,355,623	170,459	67,020	3.26	218,739	38,820
	Lemons				Limes			
1965-66 .....	15,770	3.29	51,885	6,600	415	4.90	2,034	140
1966-67 .....	17,910	3.28	58,685	8,623	420	6.44	2,705	147
1967-68 .....	16,850	3.85	64,939	7,452	720	4.49	3,233	377
1968-69 .....	15,810	4.41	69,694	6,931	700	4.51	3,157	320
1969-70 .....	15,120	4.85	73,294	5,879	725	5.71	4,140	351
1970-71 .....	16,450	4.98	81,960	6,770	880	4.70	4,136	485
1971-72 .....	16,680	4.81	80,266	7,070	1,100	5.49	6,089	626
1972-73 .....	22,200	4.38	97,126	11,232	1,100	6.10	6,710	583
1973-74 .....	17,800	6.17	109,851	6,666	1,050	7.20	7,560	571
1974-75 .....	29,400	3.85	113,226	17,880	1,100	7.62	8,382	607
1975-76 .....	17,620	5.79	101,949	6,685	1,080	9.27	10,012	494
1976-77 .....	26,000	3.56	92,500	12,910	1,000	11.61	11,610	486
1977-78 .....	26,100	4.24	110,635	13,900	460	19.11	8,791	120
1978-79 <sup>5</sup> .....	19,400	6.91	134,089	7,460	720	16.17	11,642	239
	Tangerines				Tangelos			
1965-66 .....	4,180	3.60	15,056	939	1,200	5.34	6,408	221
1966-67 .....	4,960	2.60	12,894	1,288	1,700	2.34	3,978	406
1967-68 .....	3,590	5.55	19,921	801	1,700	4.00	6,800	285
1968-69 .....	4,330	4.10	17,766	1,348	1,800	3.39	6,102	586
1969-70 .....	4,200	3.70	15,556	1,123	2,500	2.13	5,325	1,103
1970-71 .....	5,230	3.52	18,386	1,612	2,700	2.09	5,643	1,093
1971-72 .....	5,030	4.53	22,767	1,659	3,600	2.75	9,900	1,882
1972-73 .....	5,130	4.04	20,729	1,894	3,100	2.52	7,812	1,667
1973-74 .....	4,840	4.76	23,032	1,280	3,700	2.50	9,250	2,104
1974-75 .....	5,250	4.50	23,618	1,629	4,700	2.63	12,361	2,337
1975-76 .....	5,360	4.85	25,976	1,728	5,500	2.52	13,860	3,255
1976-77 .....	5,770	5.56	32,104	1,753	4,800	2.77	13,296	2,505
1977-78 .....	5,200	6.84	35,560	2,069	4,900	4.72	23,128	2,913
1978-79 <sup>5</sup> .....	5,400	7.74	41,775	2,309	4,200	5.28	22,176	2,479
	Templets							
1965-66 .....	4,500	2.43	10,935	2,010				
1966-67 .....	5,000	1.51	7,550	1,998				
1967-68 .....	4,500	3.56	16,020	1,699				
1968-69 .....	4,500	3.08	13,860	2,397				
1969-70 .....	5,200	2.31	12,012	2,377				
1970-71 .....	5,000	2.78	13,900	2,768				
1971-72 .....	5,300	2.89	15,317	3,517				
1972-73 .....	5,100	3.06	15,606	2,655				
1973-74 .....	5,300	2.80	14,840	3,375				
1974-75 .....	5,300	2.75	14,575	3,392				
1975-76 .....	5,500	2.89	15,895	3,171				
1976-77 .....	3,800	3.39	12,882	2,616				
1977-78 .....	4,900	5.35	26,215	2,851				
1978-79 <sup>5</sup> .....	4,700	6.48	30,456	2,565				

See footnotes on page 222.

**Table 320.—Citrus fruits: Production and season average returns per box, by States, 1976-77 to 1978-79**

Crop and State	Production of crop for season <sup>1</sup> of—			Price <sup>3</sup> of crop for season of—		
	1976-77	1977-78	1978-79 <sup>2</sup>	1976-77	1977-78	1978-79 <sup>2</sup>
<b>ORANGES</b>						
Early, midseason, and Navel varieties: <sup>4</sup>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ariz .....	800	820	700	4.85	6.63	8.90
Calif .....	25,600	20,000	20,800	3.66	5.99	7.49
Fla .....	115,000	88,300	91,000	2.99	5.15	6.13
Tex .....	4,350	3,850	4,300	2.26	3.81	4.30
Total above varieties <sup>5</sup> .....	145,750	112,970	116,800	3.10	5.26	6.32
<b>Valencia:</b>						
Ariz .....	3,150	2,800	2,200	2.12	4.94	5.08
Calif .....	19,700	22,600	16,400	3.94	5.76	6.93
Fla .....	71,900	79,500	73,000	3.73	5.65	6.63
Tex .....	2,550	2,250	2,100	3.07	4.81	4.03
Total Valencia <sup>5</sup> .....	97,200	107,150	93,700	3.70	5.64	6.59
<b>All oranges:</b>						
Ariz .....	3,950	3,620	2,900	2.67	5.32	6.00
Calif .....	45,300	42,600	37,200	3.78	5.87	7.24
Fla .....	186,800	167,800	164,000	3.27	5.39	6.35
Tex .....	6,900	6,100	6,400	2.56	4.18	4.21
U.S., all oranges <sup>5</sup> .....	242,950	220,120	210,500	3.34	5.45	6.44
<b>GRAPEFRUIT</b>						
Ariz .....	3,000	3,000	2,250	1.79	1.34	2.89
Calif., all .....	7,700	8,360	5,770	2.29	3.48	4.86
Desert .....	4,500	4,200	3,270	1.83	1.73	3.51
Other areas .....	3,200	4,160	2,500	2.94	5.24	6.62
Fla., all .....	51,500	51,400	50,000	2.51	2.68	3.33
Pink seedless .....	12,500	14,300	13,300	2.99	3.14	4.20
White seedless .....	29,900	28,700	29,400	2.43	2.52	3.12
Other .....	9,100	8,400	7,300	2.10	2.45	2.60
Tex .....	12,400	11,900	9,000	1.88	1.58	1.96
U.S., all grapefruit <sup>5</sup> .....	74,600	74,660	67,020	2.35	2.54	3.26
<b>LEMONS</b>						
Ariz .....	5,000	5,800	5,500	3.17	3.08	4.01
Calif .....	21,000	20,300	13,900	3.65	4.57	8.06
U.S., lemons <sup>5</sup> .....	26,000	26,100	19,400	3.56	4.24	6.91
<b>LIMES</b>						
Fla .....	1,000	460	720	11.61	19.11	16.17
<b>TANGELOS</b>						
Fla .....	4,800	4,900	4,200	2.77	4.72	5.28
<b>TANGERINES</b>						
Ariz .....	650	600	450	6.25	7.72	7.74
Calif .....	1,820	1,400	1,450	5.87	6.32	10.26
Fla .....	3,300	3,200	3,500	5.26	6.90	6.69
U.S., tangerines <sup>5</sup> .....	5,770	5,200	5,400	5.56	6.84	7.74
<b>TEMPLES</b>						
Fla .....	3,800	4,900	4,700	3.39	5.35	6.48

<sup>1</sup> Season begins with the bloom of the first year shown and ends with completion of harvest the following year. For oranges, harvest in California usually starts in late October of the first year shown and continues into December of the following year. In other States, harvest of oranges begins about Oct. 1 and ends in early summer. Grapefruit harvest for the California Desert and for all other States begins in the fall and ends by early summer. Harvest of other California grapefruit begins in March of the year after bloom through October. California lemons are harvested from Aug. 1 to July 31; Arizona lemons are harvested from Aug. 15 to Feb. 1. Florida limes are picked mostly from April through March. Florida tangelos are harvested largely from October through April.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent returns per box at the intake packinghouse door for all methods of sale.

<sup>4</sup> Navel and miscellaneous varieties in Arizona and California; early and midseason varieties in Florida and Texas, including small quantities of tangerines in Texas.

<sup>5</sup> Net content of box varies. Approximate averages are as follows: Oranges—Arizona and California, 75 pounds; Florida, 90 pounds; and Texas, 85 pounds; grapefruit—Arizona and California Desert, 64 pounds; other California areas, 67 pounds; Florida, 85 pounds; Texas, 80 pounds; lemons—76 pounds; limes—80 pounds; tangelos—90 pounds; tangerines—Arizona and California, 75 pounds; Florida, 95 pounds; and temples—90 pounds.



Table 321.—Citrus fruits: Production in specified countries, 1977-79<sup>1</sup>

Commodity and country	1977	1978	1979 <sup>2</sup>	Commodity and country	1977	1978	1979 <sup>2</sup>
ORANGES, INCLUDING TANGERINES	1,000 metric tons	1,000 metric tons	1,000 metric tons	GRAPEFRUIT—CONTINUED	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				South America:			
Belize .....	28	23	41	Argentina .....	170	145	140
Jamaica .....	26	22	29	Other Southern Hemisphere:			
Mexico <sup>3</sup> .....	750	740	1,132	Australia .....	22	23	25
United States .....	9,268	8,885	11,031	South Africa .....	81	91	87
Total .....	10,072	9,670	12,233	Total .....	103	114	112
Mediterranean area:				Southern Hemisphere .....	273	259	252
Cyprus .....	109	102	106	World total .....	3,637	3,398	3,427
Egypt .....	747	928	985				
Greece .....	455	506	315	LEMONS			
Israel .....	949	981	934	North America:			
Italy .....	1,950	1,699	1,938	United States .....	899	669	741
Morocco .....	1,070	863	933	Mediterranean area:			
Spain .....	1,914	2,526	2,490	Cyprus .....	30	22	30
Turkey .....	785	806	820	Greece .....	194	134	153
Total .....	7,979	8,411	8,521	Israel .....	30	44	40
Far East:				Italy .....	800	769	745
Japan .....	4,120	3,633	4,176	Morocco .....	3	3	3
				Spain .....	313	286	307
Northern Hemisphere .....	22,171	21,714	24,930	Turkey .....	250	170	220
South America:				Total .....	1,620	1,428	1,498
Argentina .....	990	925	926	Northern Hemisphere .....	2,519	2,097	2,239
Brazil <sup>4</sup> .....	4,321	6,471	5,426	South America:			
Chile .....	45	45	47	Argentina .....	320	280	267
Total .....	5,356	7,441	6,399	Chile .....	65	69	71
Other Southern Hemisphere:				Total .....	385	349	338
Australia .....	352	384	393	Other Southern Hemisphere:			
South Africa .....	600	521	593	Australia .....	36	37	42
Total .....	952	905	986	South Africa .....	25	34	30
Southern Hemisphere .....	6,308	8,346	7,385	Total .....	61	71	72
World total .....	28,479	30,060	32,315	Southern Hemisphere .....	446	420	410
				World total .....	2,965	2,517	2,649
GRAPEFRUIT							
North America:							
Belize .....	11	7	18				
Jamaica .....	17	16	24				
Mexico <sup>3</sup> .....	43	40	47				
United States .....	2,749	2,491	2,543				
Total .....	2,820	2,554	2,632				
Mediterranean area:							
Cyprus .....	66	71	72				
Israel .....	457	494	450				
Morocco .....	14	11	12				
Spain .....	7	9	9				
Total .....	544	585	543				
Northern Hemisphere .....	3,364	3,139	3,175				

<sup>1</sup>Harvesting in Northern Hemisphere countries begins November of the year shown, and in Southern Hemisphere countries begins in May following the year shown.

<sup>2</sup>Preliminary.

<sup>3</sup>Four States only (Nuevo Leon, San Luis Potosi, Tamaulipas, and Veracruz).

<sup>4</sup>Sao Paulo only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 322.—Canned citrus juices, single-strength: United States packs, 1965-78

Season	Orange juice				Blended orange and grapefruit juice				Tangerine and tangerine blends
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	
	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
1965 .....	11,363	699	52	12,114	2,684	227		2,911	62
1966 .....	14,412	1,381	548	16,341	3,311	373	54	3,738	156
1967 .....	9,817	320	277	10,414	2,043	110	( <sup>2</sup> )	2,153	49
1968 .....	11,386	1,140	927	13,453	2,295	214	( <sup>2</sup> )	2,509	92
1969 .....	11,223	<sup>3</sup> 3,073	( <sup>3</sup> )	14,296	2,192	<sup>3</sup> 228	( <sup>3</sup> )	2,420	47
1970 .....	11,599	1,947	1,906	15,452	2,186	198	116	2,500	35
1971 .....	10,800	1,718	1,334	13,852	1,807	64	112	1,983	16
1972 .....	13,670	1,484	1,899	17,053	1,898	117	120	2,135	24
1973 .....	10,885	1,676	1,258	13,819	1,782	145	56	1,983	18
1974 .....	10,737	1,115	1,441	13,293	1,493	113	117	1,723	12
1975 .....	10,635	1,570	1,256	13,461	1,687	144	938	2,769	19
1976 .....	10,767	1,183	2,485	14,435	1,308	187	89	1,584	35
1977 .....	11,654	1,748	2,427	15,829	1,664	194	87	1,945	8
1978 .....	13,222	2,795	2,209	18,226	1,255	95	80	1,430	19

<sup>1</sup> Equivalent cases of 24 No. 2 cans.<sup>2</sup> Pack data not available.<sup>3</sup> Texas included with California and Arizona.

Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from various canners' associations and individual canners.

Table 323.—Concentrated citrus juices: Annual packs, Florida, 1965-1978

Season beginning December	Frozen concentrated juice			
	Orange <sup>1</sup>	Grapefruit	Tangerine	Blend
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1965 .....	76,695	3,971	715	50
1966 .....	131,755	5,485	1,120	29
1967 .....	83,697	1,814	582	10
1968 .....	103,750	5,920	1,051	36
1969 .....	124,947	4,294	785	16
1970 .....	125,187	6,870	1,090	18
1971 .....	134,229	8,798	1,220	22
1972 .....	176,073	8,658	1,072	3
1973 .....	171,846	9,026	1,019	11
1974 .....	178,174	7,847	1,147	4
1975 .....	186,265	9,316	1,111	1
1976 .....	158,035	11,258	926	18
1977 .....	161,204	13,693	1,672	1
1978 .....	173,053	14,243	1,367	3

<sup>1</sup> 42° Brix through 1964; 45° Brix thereafter. Includes concentrated juice for manufacture.

Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from Florida Citrus Processors' Association.

## FOOTNOTES FOR TABLE 319

<sup>1</sup> See footnote 1, table 320.<sup>2</sup> Equivalent returns per box at the intake packinghouse door for all methods of sale.<sup>3</sup> Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in California delivered to processing plants which were not utilized, but for which growers received payment.<sup>4</sup> Includes small quantities of tangerines in Texas. Excludes Florida temples.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 324.—Grapefruit sections and single-strength juice, canned: Annual pack by producing areas, 1965-78

Season	Sections, Florida	Juice (single-strength)			
		Florida	Texas	California and Arizona	Total
	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>
1965 .....	4,002	12,090	610	1,126	13,826
1966 .....	4,756	17,844	1,767	1,380	20,991
1967 .....	3,412	13,300	750	1,776	15,826
1968 .....	3,396	15,445	3,066	2,024	20,535
1969 .....	3,325	16,423	( <sup>2</sup> )	<sup>2</sup> 5,701	22,124
1970 .....	3,292	19,110	4,650	2,233	25,993
1971 .....	2,571	20,874	3,837	2,066	26,777
1972 .....	2,687	19,059	6,572	2,631	28,262
1973 .....	3,027	20,576	6,013	2,412	29,001
1974 .....	2,236	16,394	2,789	2,446	21,629
1975 .....	1,602	18,890	4,030	2,901	25,821
1976 .....	1,722	18,809	5,867	3,013	27,689
1977 .....	1,753	17,246	4,690	4,443	26,379
1978 .....	1,823	16,764	3,462	4,949	25,175

<sup>1</sup>Equivalent cases of 24 No. 2 cans.<sup>2</sup>Texas included with California and Arizona.

Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from various canners' associations and individual canners.

Table 325.—Citrus products: United States exports by kind, 1965/66-1978/79

Year beginning November	Orange juice			Grapefruit juice			Blended juices	Grapefruit sections
	Single strength	Concentrate		Single strength	Concentrate			
		Hot pack	Frozen		Hot pack	Frozen		
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 cases</i> <sup>1</sup>
1965/66 .....	6,271	842	3,060	3,109	165	251	1,165	128
1966/67 .....	11,106	958	4,418	5,358	153	284	1,497	83
1967/68 .....	13,186	724	4,226	4,472	188	355	981	92
1968/69 .....	9,283	770	4,227	5,226	206	728	706	84
1969/70 .....	12,134	1,640	5,816	6,049	360	913	744	63
1970/71 .....	10,931	1,417	7,708	5,119	276	952	602	76
1971/72 .....	8,942	1,310	7,925	4,956	288	1,045	678	64
1972/73 .....	10,129	1,170	11,007	4,857	344	1,461	705	65
1973/74 .....	10,083	1,395	11,973	4,965	310	1,155	651	88
1974/75 .....	9,734	931	12,636	4,850	213	1,214	701	100
1975/76 .....	10,693	1,354	15,161	5,115	306	1,292	674	57
1976/77 .....	10,472	1,663	17,086	5,445	310	1,988	732	59
1977/78 .....	9,819	( <sup>2</sup> )	( <sup>2</sup> )	4,358	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	73
1978/79 .....	8,827	( <sup>2</sup> )	( <sup>2</sup> )	3,832	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	67

<sup>1</sup>Equivalent cases of 24 No. 2 cans.<sup>2</sup>Omitted because data misleading. Reporting of concentrated juices was changed from concentrated to single-strength gallons in January 1978, but some custom ports inadvertently failed to do so until later in the year.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 326.—Oranges, fresh: United States exports by country of destination, 1976/77–1978/79

Country of destination	Year beginning November			Country of destination	Year beginning November		
	1976	1977	1978		1976	1977	1978
Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Other countries:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Belgium and Luxembourg	9,993	7,421	4,223	Australia	16	32	206
Denmark	1,061	154	49	Canada	169,845	150,009	128,518
France	9,128	2,418	1,705	China, Taiwan	35	729	47
German Dem. Rep.	393			French Pacific Islands	413	833	241
Germany, Fed. Rep. of	4,709	2,159	265	Hong Kong	99,188	81,081	74,640
Netherlands	30,036	19,974	16,566	Indonesia	2,827	1,901	2,090
Norway	1,726	1,505	301	Japan	22,443	43,521	53,462
Sweden	3,967	1,665	771	Korea, Rep. of	169	51	72
United Kingdom	16,000	3,750	295	Malaysia	2,021	1,810	2,003
Other countries	50	67	270	New Zealand	7,505	5,080	4,378
Total	77,063	39,113	24,445	Other Pacific Islands	46	86	30
Latin America:				Philippines	4		51
Honduras	34			Saudi Arabia		27	1
Mexico	579	275	90	Singapore	14,272	9,697	8,542
Panama	12	10	5	Trust Territory of Pacific Islands	69	58	50
Other countries		93	13	Other countries	35	59	28
Total	625	378	108	Total	318,888	293,974	274,359
Bermuda and Caribbean:				Grand total	397,771	334,973	300,297
Bahamas	424	318	150				
Bermuda	138	222	150				
French West Indies	51	108	291				
Netherlands Antilles	542	797	780				
Other countries	40	63	14				
Total	1,195	1,508	1,385				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 327.—Citrus fruits: Foreign trade, United States, 1965–78

Year <sup>1</sup>	Oranges		Grapefruit		Lemon		Limes		Tangerines	
	Imports <sup>2</sup>	Domes- tic exports <sup>3</sup>	Imports <sup>2</sup>	Domes- tic exports <sup>3</sup>	Imports <sup>2</sup>	Domes- tic exports <sup>3</sup>	Imports <sup>2</sup>	Domes- tic exports <sup>3</sup>	Imports <sup>2</sup>	Domes- tic exports <sup>3</sup>
	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>
1965	707	6,674	6	2,612	2	3,109	43	28		181
1966	301	7,912	20	3,429	1	3,191	32	59		244
1967	1,665	3,610	42	2,395	1	3,301	33	25		241
1968	1,059	7,122	41	3,077	(*)	2,913	37	24		197
1969	914	6,777	100	2,952	(*)	3,580	60	16		245
1970	1,138	6,215	85	2,758	(*)	3,681	39	26		305
1971	1,106	7,652	176	5,149	(*)	4,248	47	23		371
1972	1,225	7,143	217	5,431	1	5,460	52	81		264
1973	1,119	8,190	177	6,643	0	5,396	85	57		241
1974	888	12,568	190	6,435	2	5,321	101	73		390
1975	526	11,552	117	8,051	2	5,860	128	87		340
1976 <sup>1</sup>	1,121	10,690	245	8,043	5	6,667	199	58		413
1977 <sup>1</sup>	630	8,856	79	7,566	(*)	6,068	311	74	150	446
1978	611	7,778	41	8,094	10	5,168	365	97	533	567

<sup>1</sup> Year beginning October for all commodities. Prior to 1976, year beginning November for oranges, tangerines, and lemons; year beginning September for grapefruit; year beginning July for limes.<sup>2</sup> Imports converted to boxes on the following basis: Oranges, 90 pounds per box; grapefruit, 80 pounds per box; lemons, 78 pounds per box; limes, 80 pounds per box; tangerines, 90 pounds per box.<sup>3</sup> Exports converted to boxes on the following basis: Oranges and tangerines, 84 pounds per box; grapefruit and limes, 76 pounds per box; lemons, 79 pounds per box. Beginning 1964, oranges, tangerines, lemons, and limes reported separately.<sup>4</sup> Less than 500 boxes.<sup>5</sup> Beginning 1977, tangerines reported separately.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.



Table 328.—Citrus fruits fresh: International trade, 1976-78

Continent and country	1976		1977		1978	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>ORANGES</b>						
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada .....	.....	311,750	.....	340,692	.....	261,257
Trinidad and Tobago .....	872	.....	200	.....	85	.....
United States .....	461,142	27,242	410,141	38,847	355,818	16,171
Total .....	462,014	338,992	410,341	379,539	355,903	277,428
South America:						
Argentina .....	17,376	.....	30,307	.....	26,928	.....
Brazil .....	38,229	.....	35,947	.....	45,407	.....
Total .....	55,605	.....	66,254	.....	72,335	.....
Europe:						
Austria .....	18	102,783	12	107,835	5	97,117
Belgium and Luxembourg .....	19,400	190,770	18,216	195,538	24,577	193,038
Denmark .....	2,965	33,085	2,198	41,148	1,667	43,128
Finland .....	.....	77,851	.....	78,304	.....	73,708
France .....	20,661	839,052	24,983	870,877	22,434	827,638
Germany, Fed. Rep. of .....	14,284	819,403	16,255	860,153	14,078	778,394
Greece .....	190,943	.....	240,636	.....	251,100	.....
Ireland .....	.....	21,379	.....	23,054	.....	22,215
Italy .....	215,999	133	271,791	37	130,523	.....
Netherlands .....	48,197	359,137	51,571	356,900	36,666	313,470
Norway .....	.....	62,851	.....	64,044	.....	59,779
Spain .....	1,526,459	.....	1,468,657	.....	1,458,283	.....
Sweden .....	4,445	115,610	4,685	115,622	2,932	104,694
Switzerland .....	392	107,157	110	105,576	174	92,065
United Kingdom .....	12,035	414,605	15,862	396,400	15,477	339,094
Yugoslavia .....	.....	83,154	.....	97,221	.....	84,748
Total .....	2,055,798	3,226,970	2,114,976	3,312,709	1,958,916	3,029,088
Africa:						
Algeria .....	75,542	.....	63,264	.....	75,000	.....
Morocco .....	520,585	.....	550,645	.....	471,012	.....
South Africa .....	316,164	.....	300,549	.....	371,526	.....
Tunisia .....	26,468	.....	21,025	.....	48,328	.....
Total .....	938,739	.....	935,483	.....	965,866	.....
Asia:						
Cyprus .....	26,554	.....	29,436	.....	25,587	.....
Hong Kong .....	11,816	137,002	6,497	143,613	8,932	128,336
Israel and Palestine .....	652,595	.....	639,695	.....	620,898	.....
Japan .....	19,877	24,401	20,876	22,499	14,157	51,008
Turkey .....	55,986	.....	54,776	.....	95,811	.....
Total .....	766,828	161,403	751,280	166,112	765,385	179,344
Oceania:						
Australia .....	11,059	.....	20,507	.....	21,877	.....
Grand total .....	4,290,043	3,727,365	4,298,841	3,858,360	4,140,282	3,485,860
<b>GRAPEFRUIT</b>						
North America:						
Canada .....	.....	95,682	.....	80,323	.....	94,209
Trinidad and Tobago .....	495	.....	324	.....	355	.....
United States .....	290,521	6,520	266,577	7,910	270,502	1,365
Total .....	291,016	102,202	266,901	88,233	270,857	95,574

See footnotes at end of table.

Table 328.—Citrus fruits fresh: International trade, 1976-78—Continued

Continent and country	1976		1977		1978	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>GRAPEFRUIT —continued</b>						
South America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Argentina .....	12,200	.....	17,103	.....	19,362	.....
Brazil .....	852	.....	28	.....	.....	.....
Total .....	13,052	.....	17,131	.....	19,362	.....
Europe:						
Belgium and Luxembourg .....	2,889	19,208	3,226	18,458	2,705	21,518
Denmark .....	187	3,584	41	3,597	301	5,650
Finland .....	.....	5,766	.....	7,852	.....	6,466
France .....	1,891	100,017	805	99,229	1,122	110,440
Germany, Fed. Rep. of .....	2,958	115,382	2,585	118,149	2,517	119,809
Netherlands .....	29,794	63,123	31,759	50,204	33,616	63,430
Sweden .....	489	7,335	227	7,007	220	7,516
United Kingdom .....	3,577	108,176	2,945	102,340	2,626	112,670
Total .....	41,785	422,951	41,588	414,836	43,107	447,499
Africa:						
Algeria .....	1,166	.....	445	.....	440	.....
Morocco .....	1,125	.....	1,325	.....	895	.....
South Africa .....	58,449	.....	54,768	.....	64,616	.....
Total .....	60,740	.....	56,538	.....	65,951	.....
Asia:						
Cyprus .....	28,159	.....	40,250	.....	33,687	.....
Israel and Palestine .....	253,745	.....	300,163	.....	266,876	.....
Total .....	281,904	.....	340,413	.....	300,563	.....
Grand total .....	688,497	524,793	705,440	503,069	699,840	543,073
<b>LEMONS</b>						
North America:						
Canada .....	.....	18,900	.....	18,966	.....	20,944
United States .....	222,672	.....	234,036	166	233,390	54
Total .....	222,672	18,900	234,036	19,132	233,390	20,998
Europe:						
Austria .....	.....	26,746	.....	25,632	.....	27,628
Belgium .....	1,259	21,766	1,076	20,179	1,286	21,652
Denmark .....	216	7,468	153	6,929	328	7,017
Finland .....	.....	3,848	.....	3,587	.....	3,366
France .....	1,784	115,090	1,988	111,863	2,172	115,043
Germany, Fed. Rep. of .....	1,287	125,805	2,172	118,970	2,254	123,385
Greece .....	79,349	.....	75,795	.....	70,000	.....
Ireland .....	.....	1,478	.....	1,496	.....	1,737
Italy .....	270,819	.....	216,206	.....	154,019	.....
Netherlands .....	7,687	20,339	7,069	18,962	6,152	17,817
Spain .....	161,208	.....	157,839	.....	221,881	.....
Sweden .....	374	7,380	264	7,092	399	7,314
Switzerland .....	32	18,140	19	15,533	75	16,500
United Kingdom .....	1,232	40,048	1,339	38,826	1,118	43,223
Yugoslavia .....	.....	40,901	.....	37,117	.....	38,480
Total .....	525,247	429,009	463,920	406,186	459,184	423,162
Africa:						
Morocco .....	244	.....	251	.....	642	.....
South Africa .....	13,547	.....	15,048	.....	22,403	.....
Total .....	13,791	.....	15,299	.....	23,045	.....

See footnotes at end of table.

Table 328.—Citrus fruits fresh: International trade, 1976-78—Continued

Continent and country	1976		1977		1978	
	Exports	Imports	Exports	Imports	Exports	Imports
LEMONS—continued						
Asia:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cyprus .....	6,644	.....	9,664	.....	8,244	.....
Israel and Palestine .....	18,872	.....	17,414	.....	17,184	.....
Japan .....	.....	92,768	.....	104,684	.....	116,945
Turkey .....	987,620	.....	771,850	.....	86,700	.....
Total .....	1,013,136	92,768	798,928	104,684	112,128	116,945
Grand total .....	1,774,846	540,677	1,512,183	530,002	827,747	561,105

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 329.—Dates: Production, season average price per ton, and value, California, 1965-79

Year	Production	Price <sup>1</sup>	Value	Year	Production	Price <sup>1</sup>	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	21,000	164	3,444	1973 .....	23,100	198	4,574
1966 .....	21,300	144	3,067	1974 .....	22,700	222	5,039
1967 .....	20,800	151	3,141	1975 .....	24,800	298	7,390
1968 .....	23,000	164	3,772	1976 .....	22,400	346	7,750
1969 .....	16,500	154	2,541	1977 .....	25,400	338	8,585
1970 .....	18,200	149	2,712	1978 .....	21,550	485	10,452
1971 .....	19,500	159	3,101	1979 <sup>2</sup> .....	22,350	484	10,817
1972 .....	15,700	173	2,716				

<sup>1</sup>Equivalent returns per ton for bulk fruit at the first delivery point. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 330.—Dates: Foreign trade, United States, 1965-78

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	<i>1,000 tons</i>		<i>1,000 tons</i>		<i>1,000 tons</i>
1965 .....	14,540	1970 .....	13,010	1975 .....	19,427
1966 .....	14,429	1971 .....	14,826	1976 <sup>1</sup> .....	18,498
1967 .....	12,975	1972 .....	17,623	1977 <sup>1</sup> .....	18,227
1968 .....	13,782	1973 .....	15,654	1978 <sup>1</sup> .....	18,822
1969 .....	10,901	1974 .....	12,442		

<sup>1</sup>Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

**Table 331.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1965–79<sup>1</sup>**

Year	Area harvested	Yield per acre <sup>2</sup>	Total production <sup>3</sup>	Utilized production	Price <sup>4</sup>	Value	Quantities processed <sup>5</sup>
	<i>Acres</i>	<i>Barrels<sup>6</sup></i>	<i>Barrels<sup>6</sup></i>	<i>Barrels<sup>6</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Barrels<sup>6</sup></i>
1965 .....	20,640	68.9	1,422,800	1,422,800	15.50	22,072	978,300
1966 .....	20,560	76.4	1,571,600	1,571,600	15.20	23,841	1,160,600
1967 .....	21,020	66.8	1,404,300	1,404,300	14.80	20,794	1,034,400
1968 .....	21,235	69.1	1,466,800	1,466,800	15.40	22,537	1,108,500
1969 .....	21,285	85.7	1,823,100	1,823,100	15.50	28,241	1,412,600
1970 .....	21,745	93.7	2,036,600	1,844,600	10.70	19,675	1,400,000
1971 .....	22,410	101.1	2,264,800	1,639,800	10.70	17,599	1,158,800
1972 .....	22,590	92.0	2,078,000	2,078,000	12.50	26,021	1,567,100
1973 .....	23,100	90.9	2,100,300	2,100,300	13.50	28,384	1,470,200
1974 .....	23,400	95.6	2,236,000	2,236,000	11.00	24,715	1,486,700
1975 .....	23,300	89.1	2,075,100	2,075,100	13.10	27,112	1,444,200
1976 .....	23,080	104.3	2,407,300	2,407,300	13.50	32,424	1,755,500
1977 .....	22,540	93.3	2,102,200	2,102,200	18.10	38,154	1,454,000
1978 .....	23,160	106.2	2,458,500	2,458,500	21.50	52,903	1,917,700
1979 <sup>7</sup> .....	23,200	106.7	2,475,500	2,475,500	25.60	63,273	2,067,000

<sup>1</sup> Estimates relate to Massachusetts, New Jersey, Oregon, Washington, and Wisconsin.<sup>2</sup> Derived from total production.<sup>3</sup> Differences between utilized and total production are quantities unharvested for economic reasons or excess cullage and/or set-aside production under provisions of the Cranberry Marketing Order.<sup>4</sup> Equivalent returns for fruit at the first receiving station.<sup>5</sup> Mainly for canning.<sup>6</sup> Barrels of 100 pounds.<sup>7</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 332.—Cranberries: Area, yield, production, and season average price per barrel, by States, 1977–79**

State	Area harvested			Yield per acre			Total production			Price <sup>2</sup> for crop of—		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Mass .....	11,200	11,200	11,200	78.1	105.4	96.4	875,000	1,180,000	1,080,000	17.70	21.60	25.90
N.J. ....	3,000	3,000	3,000	52.3	74.3	84.3	157,000	223,000	253,000	18.80	21.70	25.80
Oreg. ....	840	860	800	95.5	109.9	118.1	80,200	94,500	94,500	18.90	21.70	25.50
Wash. ....	1,100	1,100	1,100	123.6	126.4	133.6	136,000	139,000	147,000	18.90	21.70	25.50
Wis. ....	6,400	7,000	7,100	133.4	117.4	126.9	854,000	822,000	901,000	18.30	21.30	25.10
U.S. ....	22,540	23,160	23,200	93.3	106.2	106.7	2,102,200	2,458,500	2,475,500	18.10	21.50	25.60

<sup>1</sup> Preliminary.<sup>2</sup> Average price of utilized production.<sup>3</sup> Barrels of 100 pounds.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 333.—Figs: Production, season average price per ton, and value, California, 1965-79

Year	Dried (dry basis)					Fresh and canned			Total		
	Production			Price	Value	Production (fresh basis)	Price <sup>1</sup>	Value	Production (fresh basis) <sup>2</sup>	Price <sup>1</sup>	Value
	Total	Standard	Sub standard								
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	18,400	14,500	3,900	191.00	3,514	6,000	179.00	1,074	61,200	75.00	4,588
1966 .....	20,600	18,400	2,200	188.00	3,873	6,000	182.00	1,092	67,800	73.20	4,965
1967 .....	12,200	10,900	1,300	210.00	2,562	5,600	200.00	1,120	42,200	87.30	3,682
1968 .....	15,800	13,000	2,800	212.00	3,350	4,200	271.00	1,138	51,600	87.00	4,488
1969 .....	17,690	14,370	3,320	204.00	3,609	5,430	276.00	1,499	58,500	87.30	5,107
1970 .....	14,070	12,280	1,790	219.00	3,081	7,390	276.00	2,040	49,600	103.00	5,109
1971 .....	13,440	10,370	3,070	203.00	2,728	5,280	230.00	1,214	45,600	86.50	3,944
1972 .....	11,050	8,350	2,100	389.00	4,298	3,250	258.00	839	36,400	141.00	5,132
1973 .....	12,420	11,220	1,200	580.00	8,446	4,340	267.00	1,159	41,600	231.00	9,610
1974 .....	13,200	11,430	1,770	678.00	8,950	5,000	284.00	1,420	44,600	233.00	10,392
1975 .....	11,610	8,840	2,770	585.00	6,792	3,170	236.00	748	38,000	198.00	7,524
1976 .....	10,070	7,000	3,070	522.00	5,257	1,900	271.00	515	32,100	180.00	5,778
1977 .....	12,700	11,000	1,700	869.00	11,036	3,400	345.00	1,173	41,500	295.00	12,243
1978 .....	8,900	6,800	2,100	940.00	8,366	3,700	352.00	1,302	30,400	318.00	9,667
1979 .....	11,640	10,240	1,400	1,217.00	14,166	3,800	416.00	1,581	38,720	407.00	15,759

<sup>1</sup> Equivalent returns per ton for bulk fruit at the first delivery point for fresh sales. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> Dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 334.—Figs, dried: Foreign trade, United States, 1965-78

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>
1965 .....	1,807	842	1970 .....	1,731	1,185	1975 .....	1,954	1,104
1966 .....	1,677	845	1971 .....	1,472	1,423	1976 <sup>1</sup> .....	3,540	784
1967 .....	1,385	919	1972 .....	2,037	937	1977 <sup>1</sup> .....	3,713	1,444
1968 .....	2,341	797	1973 .....	1,561	1,444	1978 <sup>1</sup> .....	3,733	1,623
1969 .....	1,253	810	1974 .....	1,246	816			

<sup>1</sup> Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 335.—Grapes: Production, value, and raisin production, United States, 1965-79

Year	Grapes				Raisins, production (California) <sup>2</sup>	Year	Grapes				Raisins, production (California) <sup>2</sup>
	Production (fresh basis)		Season average price per ton <sup>1</sup>	Value			Production (fresh basis)		Season average price per ton <sup>1</sup>	Value	
	Total	Utilized					Total	Utilized			
	1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons		1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons
1965 .....	4,351	4,326	45.10	195,084	270	1973 .....	4,198	4,198	162.00	681,675	224
1966 .....	3,734	3,733	55.60	207,706	280	1974 .....	4,199	4,199	139.00	582,289	242
1967 .....	3,069	3,062	69.30	212,319	181	1975 .....	4,366	4,365	142.00	618,178	283
1968 .....	3,549	3,549	66.60	236,374	264	1976 .....	4,398	4,093	155.00	635,570	283
1969 .....	3,898	3,898	72.50	282,514	251	1977 .....	4,298	4,296	194.00	835,299	248
1970 .....	3,103	3,103	94.20	292,263	193	1978 .....	4,567	4,318	233.00	1,005,794	229
1971 .....	3,994	3,994	96.00	383,267	194	1979 <sup>3</sup> .....	4,989	4,989	237.00	1,180,452	302
1972 .....	2,579	2,579	165.00	426,238	105						

<sup>1</sup>Fresh fruit prices are equivalent packinghouse-door returns for Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup>Dried basis; 1 ton of raisins equivalent to about 4-4.5 tons of fresh grapes. Excludes table varieties dried.

<sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 336.—Grapes: Production and season average price per ton, by States, 1977-79

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Ariz .....	11,000	14,300	13,500	11,000	14,300	13,500	955.00	943.00	930.00
Ark .....	9,600	8,200	8,200	9,600	8,200	8,200	232.00	217.00	216.00
Calif.:									
All varieties <sup>3</sup> .....	3,986,000	4,017,000	4,558,000	3,986,000	3,769,000	4,558,000	190.00	232.00	236.00
Wine varieties .....	1,563,000	1,706,000	1,821,000	1,563,000	1,706,000	1,821,000	175.00	210.00	214.00
Table varieties .....	488,000	393,000	417,000	488,000	393,000	417,000	269.00	342.00	310.00
Raisin varieties <sup>4</sup> .....	1,935,000	1,918,000	2,320,000	1,935,000	1,670,000	2,320,000	183.00	229.00	239.00
Dried <sup>5</sup> .....	248,300	228,500	302,300	248,300	172,200	302,300	840.00	1,067.00	1,151.00
Not dried .....	803,000	912,000	944,000	803,000	912,000	944,000	180.00	217.00	219.00
Mich .....	33,000	67,500	58,500	33,000	67,500	58,500	216.00	223.00	237.00
Mo .....	3,850	3,300	4,500	3,850	3,300	4,500	213.00	231.00	310.00
N.J. <sup>6</sup> .....	1,100	.....	.....	1,100	.....	.....	233.00	.....	.....
N.Y .....	101,000	188,000	165,000	101,000	188,000	165,000	239.00	244.00	234.00
N.C .....	4,650	6,800	5,800	3,700	5,900	5,500	320.00	300.00	258.00
Ohio .....	7,100	12,000	12,000	7,000	12,000	12,000	225.00	212.00	207.00
Pa .....	30,000	57,500	55,500	29,650	57,500	55,500	231.00	232.00	218.00
Wash .....	105,600	187,000	102,800	105,600	187,000	102,800	205.00	191.00	205.00
Other States <sup>7</sup> .....	4,850	5,100	5,200	4,700	5,100	5,200	225.00	228.00	295.00
U.S .....	4,297,750	4,566,700	4,989,000	4,296,200	4,317,800	4,988,700	194.00	233.00	237.00

<sup>1</sup>Preliminary.

<sup>2</sup>Fresh fruit prices are equivalent packinghouse-door returns for Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

<sup>3</sup>Price derived from unrounded data.

<sup>4</sup>Fresh equivalent of dried and not dried.

<sup>5</sup>Dried basis; 1 ton of raisins is equivalent to 4.56 tons of fresh grapes for 1977, 4.40 tons for 1978, and 4.55 tons for 1979.

<sup>6</sup>Estimates discontinued after 1977 crop.

<sup>7</sup>Georgia and South Carolina.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 337.—Grapes: Production and utilization, United States, 1965-79

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Crushed for wine	Crushed for juice etc. <sup>2</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1965 .....	4,351,260	4,325,960	599,574	<sup>3</sup> 54,800	1,297,000	<sup>3</sup> 2,374,586	.....
1966 .....	3,733,640	3,733,340	597,350	62,000	1,185,700	1,888,290	.....
1967 .....	3,069,040	3,062,190	466,750	54,000	751,800	1,789,640	.....
1968 .....	3,549,040	3,549,040	557,967	64,000	1,111,100	1,815,973	.....
1969 .....	3,897,510	3,897,510	561,963	66,300	1,010,200	2,054,155	204,892
1970 .....	3,103,330	3,103,330	390,006	53,700	821,800	1,583,229	254,595
1971 .....	3,994,420	3,994,420	392,650	58,400	895,900	2,309,740	337,730
1972 .....	2,578,650	2,578,650	358,585	50,500	437,400	1,520,190	211,975
1973 .....	4,198,350	4,198,350	405,805	59,000	969,300	2,567,328	196,917
1974 .....	4,198,800	4,198,800	434,490	61,200	1,023,800	2,415,711	263,599
1975 .....	4,366,350	4,365,070	498,190	52,700	1,252,400	2,275,480	286,300
1976 .....	4,398,330	4,092,980	466,330	48,000	982,500	2,321,710	274,440
1977 .....	4,297,750	4,296,200	481,350	54,000	1,134,000	2,411,500	215,350
1978 .....	4,566,700	4,317,800	437,250	55,000	759,000	2,671,450	395,100
1979 <sup>4</sup> .....	4,989,000	4,988,700	524,100	60,000	1,380,900	2,713,100	310,600

<sup>1</sup> Includes "Home use."<sup>2</sup> Mostly juice, but includes some quantities used for jam, jelly, etc. Prior to 1969, these quantities included with wine.<sup>3</sup> Some quantities canned are included in "Crushed for wine" to avoid disclosure of individual operations.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 338.—Grapes: Production and utilization, by States, crop of 1979 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Crushed for—	
						Wine	Juice, etc.
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Ariz .....	13,500	13,500	13,500	.....	.....	.....	.....
Calif.: .....	.....	.....	.....	.....	.....	.....	.....
All varieties .....	4,558,000	4,558,000	500,000	60,000	1,380,900	2,617,100	.....
Wine varieties .....	1,821,000	1,821,000	88,000	.....	.....	1,783,000	.....
Table varieties .....	417,000	417,000	228,000	.....	4,900	184,100	.....
Raisin varieties .....	2,320,000	2,320,000	184,000	60,000	<sup>2</sup> 1,376,000	700,000	.....
Mich .....	58,500	58,500	2,000	.....	.....	( <sup>3</sup> )	53,600
N.Y. ....	165,000	165,000	3,000	.....	.....	68,500	93,500
Ohio .....	12,000	12,000	400	.....	.....	( <sup>3</sup> )	9,700
Pa .....	55,500	55,500	1,500	.....	.....	10,400	43,600
Wash .....	102,800	102,800	300	.....	.....	2,600	99,900
Other States <sup>4</sup> .....	23,700	23,400	3,400	.....	.....	14,500	10,300
U.S. ....	4,989,000	4,988,700	524,100	60,000	1,380,900	2,713,100	310,600

<sup>1</sup> Includes "Home use."<sup>2</sup> Equivalent raisins produced (dried basis): 228,500 tons.<sup>3</sup> Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. total.<sup>4</sup> Arkansas, Georgia, Missouri, North Carolina, and South Carolina.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 339.—Raisins and currants: United States exports by country of destination, 1976/77-78/79

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1976/77	1977/78	1978/79		1976/77	1977/78	1978/79
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Bermuda and Caribbean:			
Austria .....	17	92	13	Bahamas .....	42	62	32
Belgium and Luxembourg .....	742	1,424	431	Bermuda .....	98	41	58
Denmark .....	1,966	2,374	1,229	Dominican Republic .....	81	100	47
Finland .....	2,665	2,113	1,178	Haiti .....	8	16	2
France .....	152	734	90	Jamaica .....	9	2	4
Germany, Fed. Rep. of .....	1,444	3,372	1,679	Netherlands Antilles .....	58	81	138
Iceland .....	40	151	44	Trinidad and Tobago .....	19	43	12
Ireland .....	38	51	17	Other countries .....	4	33	18
Netherlands .....	1,074	2,050	655	Total .....	319	378	311
Norway .....	1,094	1,684	860				
Sweden .....	2,759	3,162	2,095	Other countries:			
Switzerland .....	640	797	425	Canada .....	6,141	7,208	4,139
United Kingdom .....	2,599	2,394	985	China, Taiwan .....	236	1,280	281
Other countries .....	38	30	153	Hong Kong .....	163	400	165
Total .....	15,268	20,428	9,854	Indonesia .....	52	77	26
				Japan .....	11,483	16,917	4,264
Latin America:				Korea, Rep. of .....	86	266	113
Bolivia .....	13	22	3	Malaysia .....	226	350	219
Brazil .....	1	224	62	New Zealand .....	594	873	277
Colombia .....	110	235	127	Philippines .....	60	111	70
Costa Rica .....	13	27	13	Saudi Arabia .....	78	50	23
Ecuador .....	77	140	68	Singapore .....	259	464	284
El Salvador .....	26	16	21	Soviet Union .....		1,486	
Guatemala .....	45	64	102	Thailand .....	151	142	40
Honduras .....	8	39	23	Other countries .....	70	2,348	67
Mexico .....	59	131	343	Total .....	19,599	29,972	9,968
Nicaragua .....	21	36	5				
Panama .....	97	185	42	Grand total .....	36,455	53,237	21,585
Venezuela .....	791	1,291	583				
Other countries .....	8	49	60				
Total .....	1,269	2,459	1,452				

<sup>1</sup> All from Italy.<sup>2</sup> Includes 194 metric tons from India.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 340.—Grapes and raisins: Foreign trade, United States, 1965-78

Year	Grapes		Raisins <sup>1</sup>		Year	Grapes		Raisins <sup>1</sup>	
	Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports		Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1965 .....	28,125	131,247	167	76,238	1972 .....	9,859	103,016	3,291	25,246
1966 .....	15,502	125,173	229	71,849	1973 .....	14,983	114,112	1,880	53,817
1967 .....	23,274	113,757	1,003	74,732	1974 .....	21,202	116,056	28	59,775
1968 .....	15,884	119,023	1,290	77,742	1975 .....	23,975	120,620	326	71,510
1969 .....	16,358	143,975	1,006	80,986	1976 <sup>2</sup> .....	33,520	98,801	13,143	40,828
1970 .....	22,231	114,298	1,112	67,448	1977 <sup>2</sup> .....	30,968	112,605	1,100	62,688
1971 .....	12,699	140,649	3,524	80,074	1978 <sup>2</sup> .....	47,666	127,660	16,730	24,045

<sup>1</sup> Raisins converted to sweatbox or production basis by multiplying by 1.08.<sup>2</sup> Year beginning October for both grapes and raisins. Prior to 1976, year beginning July for grapes; September for raisins.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.



Table 341.—Nectarines: Production, utilization, and value, California, 1965-79

Crop of—	Production <sup>1</sup>	Utilization of quantities sold		Season average price per tion <sup>3</sup>	Value
		Fresh <sup>2</sup>	Processed (fresh basis)		
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	64,800	63,700	1,100	86.00	5,573
1966 .....	68,000	67,200	800	142.00	9,656
1967 .....	55,000	54,300	700	157.00	8,635
1968 .....	64,000	63,100	900	147.00	9,408
1969 .....	66,000	65,000	1,000	140.00	9,240
1970 .....	66,500	65,300	1,200	152.00	10,108
1971 .....	70,000	69,100	900	155.00	10,850
1972 .....	87,000	86,400	600	177.00	15,399
1973 .....	86,500	85,600	900	255.00	22,058
1974 .....	117,000	115,600	1,400	228.00	26,676
1975 .....	111,000	110,000	1,000	275.00	30,525
1976 .....	128,000	127,500	500	245.00	31,360
1977 .....	155,000	155,000	.....	205.00	31,775
1978 .....	148,000	144,700	3,300	307.00	45,436
1979 <sup>5</sup> .....	172,000	171,000	1,000	194.00	33,368

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Includes "Home use".<sup>3</sup> Fresh fruit prices are equivalent returns at first delivery point. Processing fruit prices are equivalent returns at processing plant door.<sup>4</sup> Excludes 2,200 tons not harvested for 1965.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 342.—Olives: Production, value, and utilization, California, 1965-79

Year	Production <sup>1</sup>	Season average price per ton <sup>2</sup>	Value	Utilization		
				Crushed for oil <sup>3</sup>	Canned	Other <sup>4</sup>
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1965 .....	50,000	219.00	10,950	4,300	37,800	7,300
1966 .....	63,000	241.00	15,183	4,800	45,500	11,900
1967 .....	14,000	384.00	5,376	1,470	10,230	2,000
1968 .....	86,000	368.00	31,648	4,600	62,800	18,000
1969 .....	70,000	329.00	23,030	5,200	51,700	12,500
1970 .....	52,000	247.00	12,844	4,100	39,200	8,100
1971 .....	55,000	148.00	8,140	4,900	39,600	9,800
1972 .....	24,200	415.00	10,043	700	20,000	3,300
1973 .....	70,000	392.00	27,440	4,300	54,300	10,700
1974 .....	58,500	434.00	25,389	3,100	46,700	7,800
1975 .....	67,000	336.00	22,512	3,800	53,300	9,000
1976 .....	80,000	330.00	26,400	3,700	65,500	10,200
1977 .....	43,000	403.00	17,329	2,300	32,300	7,800
1978 .....	126,000	303.00	38,178	7,300	99,100	18,800
1979 <sup>5</sup> .....	59,000	398.00	23,482	2,900	52,300	3,400

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> About 40 gallons of oil are obtained from 1 ton of olives.<sup>4</sup> Includes Spanish, Greek, and Sicilian styles, and chopped, minced, brined, and other cures.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 343.—Olives and olive oil: Foreign trade, United States, 1965-78

Year beginning July	Imports				Imports  Year beginning July				
	Olives		Olive oil			Olives		Olive oil	
	In brine	Dried	Edible	Inedible		In brine	Dried	Edible	Inedible
	<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1965 .....	12,541	922	45,334	224	1972 .....	17,440	1,181	57,703	261
1966 .....	14,936	1,041	55,293	1,415	1973 .....	16,738	1,518	52,923	250
1967 .....	13,716	1,514	56,608	1,417	1974 .....	14,079	1,173	48,427	200
1968 .....	17,066	1,316	59,940	297	1975 .....	15,323	643	59,232	129
1969 .....	15,912	688	60,156	360	1976 <sup>1</sup> .....	15,431	1,465	56,288	189
1970 .....	16,328	1,774	64,349	250	1977 <sup>1</sup> .....	17,809	1,063	59,456	142
1971 .....	16,499	1,363	67,577	334	1978 <sup>1</sup> .....	13,293	1,188	61,977	143

<sup>1</sup> Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics and Foreign Agricultural Service. Compiled from the reports of the U.S. Department of Commerce.

Table 344.—Peaches: Production and value, United States, 1965-79

Year tion	Total produc- tion	Utilized produc- price <sup>1</sup>	Season average	Value	Year tion	Total produc- tion	Utilized produc- price <sup>1</sup>	Season average	Value
	Million pounds	Million pounds	Cents per pound	1,000 dollars		Million pounds	Million pounds	Cents per pound	1,000 dollars
1965 .....	3,473.8	3,152.3	4.42	139,282	1973 .....	2,590.9	2,412.7	8.3	199,060
1966 .....	3,389.2	3,194.4	5.13	163,788	1974 .....	2,917.2	2,756.3	9.5	260,722
1967 .....	2,687.7	2,525.3	6.26	158,025	1975 .....	2,838.9	2,648.9	10.4	275,598
1968 .....	3,636.7	3,395.4	5.29	179,705	1976 .....	3,020.0	2,642.4	9.6	253,922
1969 .....	3,684.3	3,410.0	5.23	178,246	1977 .....	2,983.0	2,852.2	9.9	281,740
1970 .....	2,995.8	2,786.3	6.04	168,315	1978 .....	2,695.7	2,556.7	12.1	308,634
1971 .....	2,882.6	2,742.3	6.07	166,587	1979 <sup>2</sup> .....	2,977.5	2,871.5	11.7	336,408
1972 .....	2,371.5	2,249.5	6.9	155,286					

<sup>1</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>2</sup> Preliminary.

Economics, Statistics, and, Cooperatives Service—Crop Reporting Board.

Table 345.—Peaches: Foreign trade, United States, 1965-78

Year beginning July	Domestic exports					
	Fresh	Dried <sup>1</sup>	Canned	Canned in fruit salad <sup>2</sup>	Dried in fruit salad <sup>1,3</sup>	Total, in terms of fresh <sup>4</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels
1965 .....	36,983	1,133	201,121	53,567	1,654	6,399
1966 .....	26,813	1,260	229,094	61,157	1,142	6,884
1967 .....	26,432	702	88,861	37,903	1,057	3,395
1968 .....	38,115	267	114,887	44,792	826	4,247
1969 .....	45,526	3,131	227,261	50,498	905	7,202
1970 .....	38,813	4,335	168,151	34,785	712	5,620
1971 .....	49,706	305	119,640	31,344	764	4,305
1972 .....	54,825	532	111,353	39,470	733	4,431
1973 .....	57,491	393	127,934	46,290	713	4,955
1974 .....	50,028	668	98,031	33,359	812	3,951
1975 .....	62,730	449	96,621	32,059	853	4,138
1976 <sup>5</sup> .....	60,891	1,139	118,089	36,435	749	4,706
1977 <sup>5</sup> .....	65,059	( <sup>6</sup> )	181,333	38,083	860	6,025
1978 <sup>5</sup> .....	66,175	( <sup>6</sup> )	122,554	37,563	649	4,790

See footnotes on page 237.

Table 346.—Peaches: Production and season average price per pound, 1977-79

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Ala .....	10.0	15.0	14.0	10.0	15.0	14.0	14.9	16.6	18.5
Ark .....	40.0	37.0	36.0	39.0	36.0	35.0	11.3	12.5	13.8
Calif.:									
Freestone .....	468.0	394.0	468.0	468.0	394.0	468.0	8.9	11.5	10.9
Colo .....	18.0	7.2	14.0	14.5	7.2	13.0	13.7	17.7	20.8
Conn .....	6.0	6.3	5.0	6.0	6.3	5.0	24.0	29.0	32.0
Del .....	2.4	2.3	1.5	2.4	2.3	1.5	12.5	10.5	13.0
Ga .....	90.0	120.0	135.0	90.0	120.0	135.0	15.3	15.6	11.3
Idaho .....	12.5	11.0	10.5	12.5	11.0	10.5	12.0	12.5	15.0
Ill .....	9.0	16.0	15.0	9.0	16.0	15.0	16.4	21.9	18.5
Ind .....	1.0	5.0	4.0	1.0	5.0	4.0	23.0	22.0	22.0
Kans .....	9.0	5.0	5.0	9.0	5.0	5.0	15.0	17.6	25.0
Ky .....	.1	11.0	15.0	.1	11.0	15.0	14.6	20.0	21.0
La .....	6.5	6.5	7.0	6.5	6.5	7.0	20.0	20.0	23.0
Md .....	21.0	24.0	21.0	21.0	24.0	21.0	13.5	13.3	14.3
Mass .....	3.5	3.5	3.3	3.5	3.5	3.3	22.0	29.0	32.0
Mich .....	55.0	60.0	35.0	55.0	60.0	35.0	15.6	16.0	19.4
Miss .....	4.0	4.0	3.0	4.0	4.0	3.0	17.0	20.0	20.0
Mo .....	11.0	14.0	12.0	11.0	14.0	12.0	20.0	16.0	21.5
N.J .....	110.0	70.0	95.0	110.0	70.0	90.0	17.0	23.6	16.9
N.Y .....	13.0	16.0	6.7	13.0	16.0	6.7	17.5	18.5	22.2
N.C .....	35.0	45.0	50.0	35.0	45.0	50.0	12.4	16.0	16.3
Ohio .....	3.0	5.0	4.0	3.0	5.0	4.0	23.5	23.7	26.0
Okla .....	10.0	8.5	12.0	9.5	8.5	12.0	11.5	14.2	15.2
Oreg .....	18.0	13.0	16.0	18.0	13.0	16.0	14.7	17.9	19.2
Pa .....	95.0	85.0	90.0	95.0	85.0	90.0	12.9	15.8	14.8
S.C .....	275.0	315.0	350.0	267.0	300.0	343.0	14.2	15.5	13.9
Tenn .....	8.0	8.4	8.5	8.0	8.4	8.5	13.0	16.0	17.0
Tex .....	48.0	40.0	36.0	46.0	37.0	34.0	14.0	17.0	20.0
Utah .....	18.0	15.0	18.0	17.5	15.0	18.0	12.6	17.0	17.0
Va .....	19.0	40.0	32.0	19.0	40.0	32.0	12.0	14.3	13.2
Wash .....	41.0	38.0	31.0	41.0	38.0	31.0	10.3	14.4	16.2
W. Va .....	15.0	25.0	24.0	14.7	25.0	24.0	14.5	17.8	16.8
Total above ...	1,475.0	1,465.7	1,577.5	1,459.2	1,446.7	1,561.5	12.6	15.1	14.1
Calif.:									
Clingshade <sup>3</sup> ...	1,508.0	1,230.0	1,400.0	1,393.0	1,110.0	1,310.0	7.0	8.1	8.9
U.S .....	2,983.0	2,695.7	2,977.5	2,852.2	2,556.7	2,871.5	9.9	12.1	11.7

<sup>1</sup>Preliminary. <sup>2</sup>Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup>Mainly for canning. Total production includes culls and cannery diversions as follows (million pounds): 115.0 in 1977, 120.0 in 1978, and 105.0 in 1979.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 347.—Peaches, fresh: Production in specified countries, 1977-79

Continent and country	1977	1978	1979 <sup>1</sup>	Continent and country	1977	1978	1979 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Asia:			
Canada .....	42.8	42.2	33.9	Japan .....	273.2	276.9	286.9
United States .....	1,353.1	1,222.8	1,350.6	Turkey .....	185.0	230.0	240.0
Total .....	1,395.9	1,265.0	1,384.5	Total .....	458.2	506.9	526.9
Europe:				Southern Hemisphere:			
Austria .....	5.2	9.2	7.1	Argentina .....	283.0	250.0	282.0
France .....	305.0	398.0	432.0	Australia .....	66.3	62.2	68.0
Germany, Fed. Rep. of .....	12.0	35.7	15.9	Chile .....	83.5	82.8	82.2
Greece .....	342.0	348.0	273.0	New Zealand .....	22.5	16.6	17.7
Italy .....	1,185.0	1,197.2	1,230.0	South Africa .....	175.2	152.5	164.0
Spain .....	195.5	430.0	392.0	Total .....	630.5	564.1	613.9
Yugoslavia .....	72.1	63.1	68.0	Total specified countries ...	4,601.4	4,817.2	4,943.3
Total .....	2,116.8	2,481.2	2,418.0				

<sup>1</sup>Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 348.—Peaches: Production and utilization, United States, 1965-79

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned <sup>2</sup>	Dried	Frozen	Other <sup>3</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1965 .....	3,473.8	3,152.3	1,338.5	1,646.7	70.6	82.3	14.2
1966 .....	3,389.2	3,194.4	1,222.7	1,828.6	44.0	88.2	10.9
1967 .....	2,687.7	2,525.3	966.8	1,413.4	25.5	96.9	22.7
1968 .....	3,636.7	3,395.4	1,338.8	1,874.6	36.6	109.6	35.8
1969 .....	3,684.3	3,410.0	1,384.8	1,876.3	56.2	64.2	28.5
1970 .....	2,995.8	2,786.3	1,181.5	1,476.6	36.4	73.7	18.1
1971 .....	2,882.6	2,742.3	1,201.0	1,397.1	29.8	86.3	28.1
1972 .....	2,371.5	2,249.5	844.9	1,268.8	24.0	65.3	46.5
1973 .....	2,590.9	2,412.7	935.2	1,325.4	24.0	104.9	23.2
1974 .....	2,917.2	2,756.3	952.0	1,650.6	29.0	78.1	46.6
1975 .....	2,838.9	2,648.9	1,102.9	1,432.0	38.0	52.7	23.3
1976 .....	3,020.0	2,642.4	1,151.9	1,326.3	30.0	109.8	24.4
1977 .....	2,983.0	2,852.2	1,170.5	1,504.7	42.0	109.8	25.2
1978 .....	2,695.7	2,556.7	1,176.8	1,230.8	35.0	69.8	44.3
1979 <sup>4</sup> .....	2,977.5	2,871.5	1,287.8	1,427.6	33.0	93.5	29.6

<sup>1</sup>Includes "Home use."<sup>2</sup>Includes some quantities frozen and otherwise processed prior to 1969.<sup>3</sup>Used for jams, preserves, brandy, etc. Includes small quantities frozen for some years.<sup>4</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 349.—Peaches: Production and utilization, by States, crop of 1979 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Other <sup>2</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Calif., all .....	1,868.0	1,778.0	276.4	1,373.2	33.0	( <sup>3</sup> )	8.4
Clingstone .....	1,400.0	1,310.0	2.4	1,299.2	.....	.....	8.4
Freestone .....	468.0	468.0	274.0	74.0	33.0	( <sup>3</sup> )	( <sup>3</sup> )
Ga .....	135.0	135.0	116.8	( <sup>3</sup> )	.....	.....	( <sup>3</sup> )
N.J. ....	95.0	90.0	85.0	( <sup>3</sup> )	.....	( <sup>3</sup> )	.....
Pa .....	90.0	90.0	81.3	8.4	.....	0.3	.....
S.C. ....	350.0	343.0	315.0	22.4	.....	( <sup>3</sup> )	( <sup>3</sup> )
Wash .....	31.0	31.0	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	( <sup>3</sup> )
Other States <sup>4</sup> .....	408.5	404.5	413.3	23.6	.....	93.2	21.2
U.S. ....	2,977.5	2,871.5	1,287.8	1,427.6	33.0	93.5	29.6

<sup>1</sup>Includes "Home Use."<sup>2</sup>Used for jams, preserves, brandy, etc.<sup>3</sup>Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals.<sup>4</sup>Alabama, Arkansas, Colorado, Connecticut, Delaware, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Mississippi, Missouri, New York, North Carolina, Ohio, Oklahoma, Oregon, Tennessee, Texas, Utah, Virginia, and West Virginia.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 350.—Peaches, canned: United States exports by country of destination, 1976/1977-78/79

Country of destination	Year beginning June			Country of destination	Year beginning June		
	1976/77	1977/78	1978/79		1976/77	1977/78	1978/79
	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>		1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
Europe:				Bermuda and Carribean:			
Austria .....	36	53	81	Bahamas .....	1	1	2
Belgium and Luxembourg .....	94	46	67	Bermuda .....	8	4	4
Denmark .....	11	15	29	Netherlands Antilles .....	4	3	3
Finland .....	25	34	40	Other countries .....	3	3	5
France .....	3	9	5	Total .....	16	11	14
Germany, Fed. Rep. of .....	332	1,009	403	Other countries:			
Netherlands .....	98	97	73	Canada .....	1,030	1,085	993
Norway .....	43	56	73	China, Taiwan .....	20	36	57
Sweden .....	92	68	97	Hong Kong .....	17	21	46
Switzerland .....	29	48	77	Japan .....	557	705	884
United Kingdom .....	3	116	101	Kuwait .....	14	5	15
Other countries .....	1	3	17	Saudi Arabia .....	18	27	16
Total .....	767	1,554	1,013	Singapore .....	20	20	38
Latin America:				Other countries .....	37	43	37
Colombia .....	6	6	32	Total .....	1,712	1,942	2,086
Panama .....	22	27	27	Grand total .....	2,542	3,557	3,192
Venezuela .....	4	2	3				
Other countries .....	15	15	17				
Total .....	47	50	79				

<sup>1</sup> Equivalent cases, 45-pound net weight.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 351.—Pears: Production and value, United States, 1965-79

Year	Total production	Utilized production	Season average price	Value	Year	Total production	Utilized production	Season average price	Value
	Tons	Tons	Dollars per ton	1,000 dollars		Tons	Tons	Dollars per ton	1,000 dollars
1965 .....	499,850	496,225	132.00	65,550	1973 .....	730,420	725,840	138.00	100,104
1966 .....	748,170	720,915	87.80	63,273	1974 .....	741,720	740,660	169.00	125,389
1967 .....	463,880	452,780	164.00	74,073	1975 .....	749,300	743,000	143.00	105,999
1968 .....	624,140	617,680	135.00	83,462	1976 .....	840,600	820,600	124.00	102,068
1969 .....	726,620	711,570	101.00	71,815	1977 .....	786,600	784,500	146.00	114,746
1970 .....	548,805	538,780	133.00	71,655	1978 .....	727,050	727,050	220.00	159,738
1971 .....	749,070	707,220	94.50	66,810	1979 <sup>1</sup> .....	861,500	861,000	204.00	176,051
1972 .....	612,100	608,680	139.00	84,426					

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 345

<sup>1</sup> Net processed weight. <sup>2</sup> Canned peaches are 40 percent of total canned fruit for salad. <sup>3</sup> Dried peaches are 21 percent of total dried fruit for salad. <sup>4</sup> Beginning June 1965, exports of dried fruit converted to unprocessed dry weight by dividing by 1.08. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.0 pounds fresh. Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh; 48 pounds fresh equals 1 bushel. <sup>5</sup> Year beginning October. <sup>6</sup> Not available.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 352.—Pears: Production and season average price per ton, by States, 1977-79

Variety and State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Calif., all .....	334,600	288,300	365,300	334,600	288,300	365,300	135.00	221.00	197.00
Bartlett .....	326,000	281,000	355,000	326,000	281,000	355,000	134.00	219.00	197.00
Other .....	8,600	7,300	10,300	8,600	7,300	10,300	165.00	278.00	213.00
Colo. ....	6,900	1,950	4,600	6,000	1,950	4,400	169.00	212.00	209.00
Conn. ....	1,600	1,900	1,800	1,500	1,900	1,800	375.00	410.00	450.00
Idaho <sup>3</sup> .....	1,800	.....	.....	1,800	.....	.....	200.00	.....	.....
Mich. ....	12,000	13,000	13,000	12,000	13,000	13,000	230.00	208.00	207.00
N.Y. ....	16,000	18,500	18,000	16,000	18,500	17,700	183.00	205.00	182.00
Oreg., all .....	180,000	151,500	205,000	179,000	151,500	205,000	138.00	222.00	202.00
Bartlett .....	80,000	55,500	85,000	79,000	55,500	85,000	102.00	195.00	172.00
Other .....	100,000	96,000	120,000	100,000	96,000	120,000	166.00	237.00	224.00
Pa. ....	4,700	3,300	2,800	4,700	3,300	2,800	252.00	286.00	294.00
Utah. ....	5,000	2,600	5,000	4,900	2,600	5,000	240.00	350.00	280.00
Wash., all .....	224,000	246,000	246,000	224,000	246,000	246,000	156.00	216.00	214.00
Bartlett .....	138,000	132,000	153,000	138,000	132,000	153,000	124.00	205.00	180.00
Other .....	86,000	114,000	93,000	86,000	114,000	93,000	208.00	228.00	269.00
U.S. ....	786,600	727,050	861,500	784,500	727,050	861,000	146.00	220.00	204.00

<sup>1</sup> Preliminary.<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> Estimates discontinued after, 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 353.—Pears, fresh (dessert and cooking): Production in specified countries, 1977-79<sup>1</sup>

Continent and country	1977	1978	1979 <sup>2</sup>	Continent and country	1977	1978	1979 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Continued			
Canada <sup>3</sup> .....	39	35	34	Switzerland <sup>3,4</sup> .....	20	20	19
Mexico .....	46	46	48	Yugoslavia .....	112	92	108
United States <sup>3</sup> .....	714	660	768	Total Other Europe .....	531	691	747
Total .....	799	741	850	Total Europe .....	2,429	2,830	2,785
Europe:				Asia:			
Belgium and Luxembourg ...	47	66	51	Japan .....	531	495	512
Denmark <sup>3</sup> .....	8	6	8	Turkey .....	260	270	275
France <sup>4</sup> .....	278	345	406	Total .....	791	765	787
Germany, Fed. Rep. of .....	253	374	367	Southern Hemisphere:			
Italy .....	1,187	1,212	1,030	Argentina .....	160	150	160
Netherlands .....	90	110	105	Australia .....	105	108	135
United Kingdom <sup>4</sup> .....	35	26	71	Chile .....	41	33	36
Total EC .....	1,898	2,139	2,038	New Zealand .....	12	14	14
Other Europe:				South Africa .....	142	112	125
Austria <sup>4</sup> .....	45	45	47	Total .....	460	417	470
Greece .....	110	81	105	Total specified countries ...	4,479	4,753	4,892
Norway .....	8	11	5				
Spain <sup>4</sup> .....	231	437	455				
Sweden <sup>3</sup> .....	5	5	8				

<sup>1</sup> May include some cider varieties in countries not reporting separately. <sup>2</sup> Preliminary. <sup>3</sup> Commercial crop. <sup>4</sup> Excludes cider pears reported separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 354.—Pears, fresh: International trade, 1976-78

Continent and country	1976		1977		1978	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada .....	76	29,442	651	23,004	1,622	21,690
United States .....	32,892	7,402	35,090	4,276	35,791	5,753
Total .....	32,968	36,844	35,741	27,280	37,413	27,443
South America:						
Argentina .....	47,872		68,500		75,966	
Brazil .....		39,995		60,000		59,670
Chile .....	12,136		9,054		15,828	
Total .....	60,008	39,995	77,554	60,000	91,794	59,670
Europe:						
Austria .....	2,012	22,591	5,699	16,607	195	12,046
Belgium and Luxembourg .....	13,382	17,644	14,671	21,803	18,219	20,720
Denmark .....	329	6,275	860	6,681	269	6,319
Finland .....		7,907		7,000		6,953
France .....	44,850	54,060	38,613	81,640	67,181	46,806
Germany, Fed. Rep. of .....	3,925	162,128	36,639	142,587	5,313	118,929
Ireland .....		3,649		3,000		2,905
Italy .....	204,738	8,823	226,162	8,229	113,955	12,784
Netherlands .....	34,435	20,561	45,940	23,349	51,154	18,701
Norway .....		7,720		12,563		7,538
Sweden .....	589	19,144	597	20,819	535	19,806
United Kingdom .....		47,937		48,765		45,307
Yugoslavia .....			41	4,280	448	971
Total .....	304,255	373,439	369,222	397,333	257,269	319,785
Africa:						
Morocco .....	12		40		31	
South Africa .....	36,712		39,841		35,601	
Total .....	36,724		39,881		35,632	
Asia:						
Japan .....	691		2,126		2,123	
Oceania:						
Australia .....	33,875		21,551		26,600	
New Zealand .....	1,431		1,203		1,169	
Total .....	35,306		22,754		27,769	
World total .....	469,952	450,278	547,278	484,613	452,000	406,898

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 355.—Pears: Foreign trade, United States, 1965-78

Year beginning July	Imports for consumption, fresh	Domestic exports					
		Fresh <sup>1</sup>	Canned	Dried <sup>1</sup>	Dried, in fruit salad <sup>12</sup>	Canned, in fruit salad <sup>3</sup>	Total, in terms of fresh fruit <sup>4</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 .....	6,890	69,779	5,725	562	1,313	46,871	2,691
1966 .....	15,109	67,655	7,184	426	906	53,512	2,740
1967 .....	26,469	51,190	3,875	205	839	33,165	1,890
1968 .....	30,995	36,742	4,547	369	656	39,193	1,743
1969 .....	23,582	67,999	4,155	380	718	44,186	2,470
1970 .....	37,456	41,455	13,445	311	565	30,437	1,821
1971 .....	16,403	56,304	9,295	377	607	27,426	1,988
1972 .....	33,598	53,602	10,263	750	582	34,536	2,141
1973 .....	18,479	86,277	11,879	243	656	40,503	2,890
1974 .....	18,539	76,320	6,335	215	644	29,189	2,321
1975 .....	15,606	74,767	7,864	571	677	28,052	2,376
1976 <sup>5</sup> .....	9,476	80,602	7,380	628	595	31,881	2,156
1977 <sup>5</sup> .....	12,732	78,802	9,524	( <sup>5</sup> )	683	33,283	2,521
1978 <sup>5</sup> .....	15,053	86,167	6,634	( <sup>5</sup> )	515	32,867	2,580

<sup>1</sup> Net processed weight.<sup>2</sup> Dried pears are 16 $\frac{2}{3}$  percent of total dried fruit for salad.<sup>3</sup> Canned pears are 35 percent of total canned fruit for salad.<sup>4</sup> Beginning June 1965, canned pears converted to terms of fresh on the basis that 1 pound canned equals about 1.0 pound fresh. Dried pears converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh. 50 pounds fresh equals 1 bushel.<sup>5</sup> Year beginning October.<sup>6</sup> Not available.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 356.—Pears: Production and utilization, United States, 1965-79

Crop of—	Total production	Utilized production	Utilization of quantities sold		
			Fresh <sup>1</sup>	Processed (fresh basis)	
				Canned <sup>2</sup>	Dried
	Tons	Tons	Tons	Tons	Tons
1965 .....	499,850	496,225	204,400	290,725	1,100
1966 .....	748,170	720,915	290,964	421,651	8,300
1967 .....	463,880	452,780	191,878	259,702	1,200
1968 .....	624,140	617,680	212,414	402,666	2,600
1969 .....	726,620	711,570	271,151	436,219	4,200
1970 .....	548,805	538,780	197,923	337,357	3,500
1971 .....	749,070	707,220	284,787	417,983	4,500
1972 .....	612,100	608,680	251,085	352,345	5,300
1973 .....	730,420	725,840	307,230	413,710	4,900
1974 .....	741,720	740,660	295,960	439,600	5,100
1975 .....	749,300	743,000	327,980	( <sup>3</sup> )	( <sup>3</sup> )
1976 .....	840,600	820,600	340,730	( <sup>3</sup> )	( <sup>3</sup> )
1977 .....	736,600	734,500	303,200	( <sup>3</sup> )	( <sup>3</sup> )
1978 .....	727,050	727,050	300,870	( <sup>3</sup> )	( <sup>3</sup> )
1979 <sup>4</sup> .....	861,500	861,000	306,900	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Includes "Home use."<sup>2</sup> For some States includes some dried or otherwise processed.<sup>3</sup> Not published to avoid disclosure of individual operation.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 357.—Pears: Production and utilization, by States, crop of 1979 (preliminary)

State and variety	Total production	Utilized production	Utilization	
			Fresh <sup>1</sup>	Processed <sup>2</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Calif., all .....	365,300	365,300		
Bartlett .....	355,000	355,000	51,000	304,000
Other .....	10,300	10,300	(3)	(3)
Colo. ....	4,600	4,400	(3)	(3)
Conn. ....	1,800	1,800	1,800	.....
Mich. ....	13,000	13,000	(3)	(3)
N.Y. ....	18,000	17,700	(3)	(3)
Oreg., all .....	205,000	205,000	(3)	(3)
Bartlett .....	85,000	85,000	16,100	68,900
Other .....	120,000	120,000	(3)	(3)
Pa. ....	2,800	2,800	(3)	(3)
Utah. ....	5,000	5,000	5,000	.....
Wash., all .....	246,000	246,000	(3)	(3)
Bartlett .....	153,000	153,000	36,300	116,700
Other .....	93,000	93,000	(3)	(3)
U.S. ....	861,500	861,000	306,900	554,100

<sup>1</sup>Includes "Home use."<sup>2</sup>Mostly canned, but includes small quantities dried, juiced, and other uses.<sup>3</sup>Data not published to avoid disclosure of individual operations, but included in U.S. totals.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 358.—Papayas: Area, yield, production, utilization, price, and value, Hawaii, 1965-79

Year	Area harvested	Yield per acre <sup>1</sup>	Production (2)	Utilization		Price per pound	Value
				Fresh	Processed		
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1965 .....	700	24.5	17,935	14,698	3,237	6.2	1,112
1966 .....	600	31.1	18,680	15,225	3,455	7.1	1,326
1967 .....	760	30.1	22,845	19,393	3,452	7.4	1,691
1968 .....	820	28.4	23,550	20,085	3,465	9.6	2,261
1969 .....	850	22.6	19,235	16,337	2,898	12.4	2,385
1970 .....	1,040	24.0	24,960	23,938	1,022	9.8	2,436
1971 .....	970	21.4	20,725	19,172	1,553	13.2	2,736
1972 .....	985	26.1	25,735	21,959	3,776	13.3	3,423
1973 .....	1,430	23.0	32,824	28,848	3,976	12.7	4,180
1974 .....	1,690	22.0	37,224	34,529	2,695	13.1	4,871
1975 .....	1,840	21.7	39,896	34,952	4,944	14.2	5,668
1976 .....	1,930	25.9	50,037	43,588	6,449	12.3	6,134
1977 .....	2,155	29.5	63,548	53,987	9,561	11.9	7,565
1978 .....	2,190	29.2	64,000	54,624	9,376	13.0	8,304
1979 <sup>3</sup> .....	2,210	18.3	41,015	36,446	4,569	23.2	9,510

<sup>1</sup>Derived from total production.<sup>2</sup>Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 pounds): 3,035 in 1964 and 1,445 in 1965.<sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 359.—Persimmons: Production, price, and value, California, 1965-77<sup>1</sup>

Year	Production	Price per ton	Value	Year	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	2,100	163.00	342	1972 .....	2,500	229.00	573
1966 .....	2,300	127.00	292	1973 .....	1,950	373.00	727
1967 .....	1,200	240.00	288	1974 .....	2,500	334.00	835
1968 .....	1,500	164.00	246	1975 .....	1,550	345.00	535
1969 .....	1,600	125.00	200	1976 .....	2,200	396.00	871
1970 .....	2,000	122.00	244	1977 .....	2,000	350.00	700
1971 .....	1,350	126.00	170				

<sup>1</sup> Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 360.—Pomegranates: Production, price, and value, California, 1965-79

Year	Production	Price per ton	Value	Year	Production	Price per ton	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	3,300	92.00	304	1973 .....	5,800	170.00	986
1966 .....	3,400	100.00	340	1974 .....	8,100	151.00	1,223
1967 .....	2,400	118.00	283	1975 .....	8,600	143.00	1,230
1968 .....	2,900	97.00	281	1976 .....	9,000	210.00	1,890
1969 .....	7,400	123.00	910	1977 .....	10,000	143.00	1,430
1970 .....	8,000	125.00	1,000	1978 .....	9,500	233.00	2,214
1971 .....	8,500	131.00	1,114	1979 <sup>1</sup> .....	9,000	338.00	3,042
1972 .....	7,100	124.00	880				

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 361.—Prunes and plums:<sup>1</sup> Production, value, and utilization, 4 States, 1965-79

Year	Total production	Utilized production	Season average price per ton	Value	Utilization of quantities sold			
					Fresh <sup>2</sup>	Processed (fresh basis)		
						Dried	Canned <sup>3</sup>	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1965 .....	74,200	72,574	83.20	6,038	36,341	5,700	29,168	1,365
1966 .....	67,200	66,180	99.70	6,600	33,720	7,100	24,010	1,350
1967 .....	75,700	73,972	95.80	7,084	34,343	7,400	29,829	2,400
1968 .....	45,000	41,280	114.00	4,694	25,010	300	14,995	975
1969 .....	104,000	94,200	82.90	7,811	43,280	7,400	38,020	5,500
1970 .....	51,500	48,350	121.00	5,826	28,040	3,950	13,110	3,250
1971 .....	88,400	65,000	89.60	5,821	34,280	5,500	23,000	2,220
1972 .....	42,400	41,880	173.00	7,228	29,040	2,000	7,460	3,380
1973 .....	73,300	66,550	148.00	9,816	29,350	11,050	21,730	4,420
1974 .....	71,200	71,200	150.00	10,685	35,350	( <sup>4</sup> )	21,665	( <sup>4</sup> )
1975 .....	75,600	71,600	113.00	8,097	34,550	11,000	23,500	2,550
1976 .....	77,000	73,500	123.00	9,046	38,150	12,850	20,900	1,600
1977 .....	61,000	58,000	158.00	9,175	30,700	11,800	14,200	1,300
1978 .....	69,800	69,200	156.00	10,797	40,950	9,050	16,100	3,100
1979 <sup>5</sup> .....	62,500	62,500	208.00	13,007	36,800	11,900	11,900	1,900

<sup>1</sup> Idaho, Michigan, Oregon, and Washington. Mostly prunes; however, estimates include small quantities of plums in all States.

<sup>2</sup> Includes "Home use."

<sup>3</sup> Some quantities of frozen, dried, or otherwise processed are included in "Canned" to avoid disclosure of individual operations prior to 1969. Beginning 1969, some quantities dried or otherwise processed are included in "Frozen" until 1975. Beginning 1975, other uses included in "Dried."

<sup>4</sup> Not published to avoid disclosure of individual operations.

<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 362.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1977-79

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Idaho .....	7,000	7,500	7,500	7,000	6,900	7,500	251.00	206.00	324.00
Mich .....	14,000	24,000	14,000	14,000	24,000	14,000	141.00	138.00	207.00
Oreg .....	28,000	17,000	26,000	25,000	17,000	26,000	128.00	170.00	184.00
Wash .....	12,000	21,300	15,000	12,000	21,300	15,000	187.00	149.00	193.00
Total, 4 States..	61,000	69,800	62,500	58,000	69,200	62,500	158.00	156.00	208.00

<sup>1</sup> Preliminary.

<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 363.—Plums, California: Production, value, and utilization, 1965-79

Season	Utilized production	Total production	Season average price per ton <sup>1</sup>	Value	Utilization of quantities sold	
					Fresh <sup>2</sup>	Processed
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>
1965 .....	113,000	108,000	97.00	10,476	102,600	5,400
1966 .....	95,000	86,000	182.00	15,652	82,400	3,600
1967 .....	98,000	95,000	180.00	17,100	90,400	4,600
1968 .....	106,000	106,000	178.00	18,868	100,700	5,300
1969 .....	67,000	67,000	237.00	15,879	63,600	3,400
1970 .....	123,000	123,000	160.00	19,680	119,300	3,700
1971 .....	101,000	101,000	229.00	23,129	98,200	2,800
1972 .....	96,000	96,000	248.00	23,808	93,300	2,700
1973 .....	97,000	97,000	321.00	31,137	93,800	3,200
1974 .....	143,000	143,000	275.00	39,325	140,000	3,000
1975 .....	124,000	124,000	279.00	34,596	121,360	2,640
1976 .....	115,000	115,000	380.00	43,700	111,900	3,100
1977 .....	157,000	157,000	313.00	49,141	156,000	1,000
1978 .....	154,000	154,000	370.00	56,980	151,000	3,000
1979 <sup>3</sup> .....	175,000	175,000	270.00	47,250	173,000	2,000

<sup>1</sup> Fresh fruit prices are equivalent returns at point of first sale. Processing fruit prices are equivalent returns at processing plant door.

<sup>2</sup> Includes "Home use."

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 364.—Prunes (dried basis), California: Production, price, and value, 1965-79<sup>1</sup>

Season	Production <sup>2</sup>	Season average price per ton <sup>3</sup>	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	167,000	240.00	40,080
1966 .....	132,000	325.00	42,900
1967 .....	164,000	276.00	45,264
1968 .....	153,000	301.00	46,053
1969 .....	130,000	288.00	37,440
1970 .....	200,000	202.00	40,400
1971 .....	131,000	287.00	37,597
1972 .....	77,000	535.00	41,195
1973 .....	205,000	462.00	94,710
1974 .....	142,000	440.00	62,480
1975 .....	149,000	402.00	59,898
1976 .....	148,000	412.00	60,976
1977 .....	159,000	499.00	79,341
1978 .....	132,000	696.00	91,872
1979 <sup>4</sup> .....	133,000	850.00	113,050

<sup>1</sup> The drying ratio is approximately 2½ pounds of fresh fruit to 1 pound of dried fruit.

<sup>2</sup> Production all utilized.

<sup>3</sup> Equivalent returns at the processing plant door.

<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 365.—Prunes and plums:<sup>1</sup> Utilization and season average price per ton, 1977-79

State and Season	Quantity				Price <sup>4</sup>		
	Fresh <sup>2</sup>	Dried and other <sup>3</sup>	Canned	Frozen	Fresh	Dried and other	Canned
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Idaho:							
1977	7,000				251.00		
1978	( <sup>5</sup> )	( <sup>5</sup> )			( <sup>5</sup> )	( <sup>5</sup> )	
1979	( <sup>5</sup> )	( <sup>5</sup> )			( <sup>5</sup> )	( <sup>5</sup> )	
Mich.:							
1977	6,600	3.00	6,400	700	193.00		95.00
1978	9,400		12,300	2,300	208.00		94.00
1979	7,400		6,000	600	280.00		127.00
Oreg.:							
1977	7,500	10,200	6,700	600	211.00		88.00
1978	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	800	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
1979	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	1,300	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Wash.:							
1977	9,600	1,300	1,100		219.00	( <sup>5</sup> )	102.00
1978	15,300	( <sup>5</sup> )	( <sup>5</sup> )		172.00	( <sup>5</sup> )	( <sup>5</sup> )
1979	12,400	( <sup>5</sup> )	( <sup>5</sup> )		219.00	( <sup>5</sup> )	( <sup>5</sup> )
Total 4 States:							
1977	30,700	11,800	14,200	1,300	219.00	86.90	92.20
1978	40,950	9,050	16,100	3,100	188.00	98.00	116.00
1979	36,800	11,900	11,900	1,900	258.00	145.00	131.00

<sup>1</sup> Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States.

<sup>2</sup> Includes "Home use."

<sup>3</sup> Some quantities otherwise processed are included to avoid disclosure of individual operations.

<sup>4</sup> Prices for fresh sales are average prices as sold for Idaho and Michigan; equivalent packinghouse door returns for Oregon and Washington. Quantities processed are priced at the equivalent processing plant door level.

<sup>5</sup> Not published to avoid disclosure of individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 366.—Prunes and plums, fresh: Production in specified countries, 1977-1979

Continent and country	1977	1978	1979 <sup>1</sup>	Continent and country	1977	1978	1979 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Continued			
Canada	7.2	6.5	8.1	Yugoslavia	782.0	655.0	516.0
United States	659.3	575.4	594.3	Total	1,550.8	1,663.4	1,425.2
Total	666.5	581.9	602.4	Asia:			
Europe:				Turkey	153.0	149.0	150.0
Austria	73.6	84.4	87.2	Southern Hemisphere:			
Belgium and Luxembourg	2.3	5.8	7.6	Argentina	78.0	57.0	71.0
Denmark	2.0	0.8	1.8	Australia	22.2	18.6	26.0
France	42.4	62.0	70.0	Chile	13.5	14.8	14.2
Germany, Fed. Rep. of	349.6	511.9	406.3	New Zealand	3.9	2.6	5.2
Italy	139.7	148.7	145.0	South Africa	12.3	6.8	9.2
Netherlands	6.2	10.6	8.4	Total	129.9	99.8	125.6
Norway	14.2	15.8	11.8	Total specified countries	2,500.2	2,494.1	2,303.2
Spain	51.9	84.0	83.0				
Switzerland	40.0	40.0	35.0				
United Kingdom	46.9	44.4	53.1				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 367.—Prunes, dried: United States exports by country of destination, 1976/77-78/79

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1976/77	1977/78	1978/79		1976/77	1977/78	1978/79
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Bermuda and Caribbean:			
Austria .....	502	413	241	Bahamas .....	3	8	5
Belgium and Luxembourg .....	1,736	1,600	1,376	Bermuda .....	19	4	11
Denmark .....	3,111	2,251	2,828	Dominican Republic .....	119	103	94
Finland .....	2,787	2,747	1,944	Jamaica .....	8	17	5
France .....	5,512	13,153	2,104	Netherlands Antilles .....	100	78	60
Germany, Fed. Rep. of .....	3,878	4,132	4,891	Trinidad and Tobago .....	127	485	168
Iceland .....	92	91	69	Other countries .....	12	16	7
Ireland .....	51	182	41	Total .....	388	711	350
Italy .....	6,681	7,551	7,273	Other countries:			
Netherlands .....	763	1,054	778	Australia .....	134	109	131
Norway .....	1,737	1,802	2,331	Cameroon .....		120	
Poland .....	1,153		19	Canada .....	4,193	3,756	3,269
Spain .....	948	1,024	1,267	Canary Islands .....	28	43	50
Sweden .....	2,963	2,843	2,444	China, Taiwan .....	336	370	513
Switzerland .....	670	521	636	Hong Kong .....	452	515	280
United Kingdom .....	2,100	2,565	1,952	Israel .....	213	5	146
Other countries .....		28	8	Japan .....	1,556	1,199	3,578
Total .....	34,684	41,957	30,202	Malaysia .....	267	296	254
Latin America:				New Zealand .....	386	492	590
Brazil .....		126	103	Singapore .....	396	651	618
Colombia .....	47	182	55	South Africa .....	638	1	
Costa Rica .....	10	7	17	Soviet Union .....	1,847	241	
Ecuador .....	110	121	75	Thailand .....	73	43	
Guatemala .....	31	45	50	Other countries .....	104	216	79
Mexico .....	664	819	1,077	Total .....	10,623	8,057	9,508
Nicaragua .....	27	34	17	Grand total .....	47,789	53,849	42,962
Panama .....	126	87	168				
Venezuela .....	992	1,617	1,271				
Other countries .....	87	86	69				
Total .....	2,094	3,124	2,902				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 368.—Prunes: Foreign trade, United States, 1965-78

Year beginning July	Imports				Domestic exports			
	Fresh prunes and plums	Otherwise prepared or preserved	Dried prunes <sup>1</sup>	Total, in terms of fresh <sup>2</sup>	Fresh prunes and plums	Dried prunes <sup>1</sup>	Dried in fruit salad <sup>1,3</sup>	Total, in terms of fresh <sup>2</sup>
	<i>1,000 tons</i>	<i>1,000 pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1965 .....	1,212	1,205	87	1,940	15,593	62,074	1,694	181,146
1966 .....	836	1,167	520	2,711	6,214	45,734	1,169	130,576
1967 .....	1,846	1,230	680	4,165	13,862	45,390	1,082	134,509
1968 .....	2,193	1,228	426	3,852	9,899	44,163	846	126,747
1969 .....	1,491	1,311	1,028	4,748	10,613	40,320	926	117,692
1970 .....	1,506	1,311	928	4,503	11,891	42,178	729	123,269
1971 .....	939	1,634	1,015	4,308	14,732	42,259	782	126,473
1972 .....	318	2,173	4,826	13,824	16,717	36,714	750	113,980
1973 .....	813	1,988	597	18,462	17,824	58,816	846	156,717
1974 .....	794	1,778	33	1,685	18,469	39,905	831	140,914
1975 .....	1,520	2,086	298	3,229	21,897	70,234	873	206,500
1976 <sup>4</sup> .....	903	1,950	549	3,205	23,680	52,812	767	162,779
1977 <sup>4</sup> .....	1,630	1,700	290	3,147	25,794	58,034	881	178,748
1978 <sup>4</sup> .....	1,532	1,777	396	3,360	22,239	47,685	665	147,762

<sup>1</sup> Net processed weight.<sup>2</sup> Beginning 1965, exports and imports of dried prunes converted to unprocessed dry weight by dividing by 1.04. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2.7 pounds fresh. Canned prunes converted to terms of fresh fruit on the basis that 1 pound canned equals 0.729 pound fresh. "Otherwise prepared or preserved" converted to terms of fresh fruit on the basis that 1 pound equals 0.899 pound fresh.<sup>3</sup> Dried prunes in salad estimated at 43 percent of total dried fruit for salad.<sup>4</sup> Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 369.—Strawberries, commercial crop: Area, yield, production, value per unit, and total value, United States, 1965-79

Year	Fresh market and processing					Fresh market <sup>3</sup>			Processing		
	Area for Harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production of value	Value <sup>2</sup>		Production of value	Value <sup>2</sup>	
				Per unit	Total		Per unit	Total		Per unit	Total
	Acres	Cwt.	1,000 cwt.	Dollars per cwt.	1,000 dollars	1,000 cwt.	Dollars per cwt.	1,000 dollars	1,000 cwt.	Dollars per cwt.	1,000 dollars
1965 .....	67,940	64	4,328	22.10	95,836	2,629	25.60	67,238	1,699	16.80	28,598
1966 .....	66,180	70	4,644	22.20	103,068	2,659	26.20	69,656	1,985	16.80	33,412
1967 .....	63,700	74	4,740	20.50	97,029	2,818	24.50	69,101	1,922	14.50	27,928
1968 .....	58,700	90	5,256	21.30	112,010	3,373	24.30	81,827	1,883	16.00	30,183
1969 .....	53,500	91	4,862	22.60	109,771	3,154	25.90	81,697	1,708	16.40	28,074
1970 .....	50,400	98	4,960	21.50	106,467	3,164	24.80	78,533	1,796	15.60	27,934
1971 .....	47,780	109	5,207	22.50	116,975	3,404	25.40	86,394	1,803	14.50	26,081
1972 .....	43,410	106	4,602	24.00	110,262	3,211	27.10	86,948	1,391	16.80	23,314
1973 .....	40,610	118	4,796	27.60	132,186	3,164	31.00	97,934	1,632	21.00	34,252
1974 .....	39,260	137	5,362	28.70	153,967	3,680	32.40	119,133	1,682	20.70	34,334
1975 .....	39,190	139	5,432	30.40	165,340	3,700	35.40	130,905	1,732	19.90	34,435
1976 .....	33,750	169	5,713	32.80	187,291	3,601	37.60	135,537	2,112	24.50	51,754
1977 .....	34,300	190	6,509	33.00	214,947	4,188	38.90	162,938	2,321	22.40	52,009
1978 .....	35,500	183	6,498	31.00	201,558	4,685	35.70	167,456	1,813	18.80	34,102
1979 <sup>4</sup> .....	33,950	188	6,377	38.30	243,971	4,354	42.80	186,226	2,023	28.50	57,745

<sup>1</sup>Excludes the following quantities not harvested and not marketed because of economic conditions (1,000 hundredweight): 302 in 1965, 4 in 1966, 44 in 1967, 70 in 1969, 100 in 1970, 1 in 1977, and 1 in 1978.

<sup>2</sup>Fresh market price and value on f.o.b. basis. Processing price and value at processing plant door.

<sup>3</sup>Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

<sup>4</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 370.—Strawberries, commercial crop: Area, production, and value per hundredweight, by States, 1977-79<sup>1</sup>

Season and State	Area			Production			Value per unit		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Winter:									
Fla .....	1,500	2,000	2,400	218	290	384	41.10	57.40	57.70
Total .....	1,500	2,000	2,400	218	290	384	41.10	57.40	57.70
Spring:									
Ark .....	900	900	400	43	42	18	35.80	30.00	42.80
Calif .....	11,600	12,900	11,500	5,220	5,160	4,888	32.30	28.80	36.10
La .....	850	800	700	52	53	46	43.00	38.30	44.50
Mich .....	2,800	2,700	2,500	151	154	135	31.80	36.50	49.00
N.J. ....	750	700	650	32	35	25	49.60	43.20	40.00
N.Y. ....	1,400	1,300	1,400	60	64	84	54.30	53.20	55.70
N.C. <sup>3</sup> ..	2,100	2,100	2,100	42	32	53	44.00	35.00	43.00
Ohio .....	1,400	1,500	1,500	69	87	83	42.00	44.00	44.00
Oreg. <sup>3</sup> ..	5,300	5,000	5,200	350	340	426	28.50	27.00	33.70
Pa .....	1,100	900	1,000	40	28	33	60.90	65.70	67.60
Wash .....	3,300	3,300	3,100	201	175	164	28.00	25.40	34.70
Wis. <sup>3</sup> ..	1,300	1,400	1,500	31	38	38	46.00	48.00	48.00
Total .....	32,800	33,500	31,550	6,291	6,208	5,993	32.70	29.80	37.00
U.S .....	34,300	35,500	33,950	6,509	6,498	6,377	33.00	31.00	38.30

<sup>1</sup>Includes quantities used for fresh market and processing.

<sup>2</sup>Preliminary.

<sup>3</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1977—North Carolina, 1; 1978—North Carolina, 1; 1979—Oregon, 26 and Wisconsin, 2.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 371.—Strawberries, commercial crop: Production and value per hundredweight, by States, 1977-79

Utilization, season, and State	Production			Value per unit		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
<b>FOR FRESH MARKET<sup>2</sup></b>						
Winter:	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Fla .....	<i>cut.</i> 218	<i>cut.</i> 290	<i>cut.</i> 384	<i>per cut.</i> 41.10	<i>per cut.</i> 57.40	<i>per cut.</i> 57.70
Total .....	218	290	384	41.10	57.40	57.70
Spring:						
Ark .....	43	42	18	35.80	30.00	42.80
Calif .....	3,436	3,861	3,439	38.20	33.20	40.20
La .....	52	53	46	43.00	38.30	44.50
Mich .....	95	84	82	33.00	42.00	56.10
N.J .....	32	35	25	49.60	43.20	40.00
N.Y .....	60	64	84	54.30	53.20	55.70
N.C .....	42	32	53	44.00	35.00	43.00
Ohio .....	69	87	83	42.00	44.00	44.00
Oreg .....	38	36	39	36.00	33.00	41.00
Pa .....	40	28	33	60.90	65.70	67.60
Wash .....	32	35	30	31.10	31.20	38.00
Wis .....	31	38	38	46.00	48.00	48.00
Total .....	3,970	4,395	3,970	38.80	34.30	41.30
U.S .....	4,188	4,685	4,354	38.90	35.70	42.80
<b>PROCESSING</b>						
Spring:						
Calif .....	1,784	1,299	1,449	20.80	15.90	26.50
Mich .....	56	70	53	23.70	29.90	38.10
Oreg .....	312	304	387	27.60	26.30	33.00
Wash .....	169	140	134	27.40	24.00	34.00
U.S .....	2,321	1,813	2,023	22.40	18.80	28.50

<sup>1</sup> Preliminary.<sup>2</sup> Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 372.—Fruits: Unloads at 8 markets, by commodities, 1979<sup>1</sup>

Commodity	Boston			New York <sup>3</sup>			Philadelphia			Baltimore <sup>4</sup>		
	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Apples .....	27	597	624	524	1,069	1,593	77	475	552	9	343	352
Grapefruit .....	24	403	427	70	1,429	1,499	9	507	516	.....	278	278
Grapes .....	37	247	284	154	425	579	21	273	294	.....	112	112
Lemons .....	7	146	153	79	484	563	3	181	184	.....	58	58
Mixed citrus .....	26	.....	26	37	.....	37	3	.....	3	2	.....	2
Oranges .....	436	235	731	686	1,276	1,962	184	576	760	7	403	410
Peaches .....	.....	237	237	4	615	619	.....	188	188	.....	61	61
Pears .....	70	151	221	263	416	679	23	174	197	4	73	77
Plums and fresh												
prunes .....	31	114	145	136	237	373	12	153	165	2	43	45
Strawberries .....	22	92	114	118	201	319	19	87	106	6	69	75
Tangerines .....	.....	119	119	1	503	504	.....	164	164	.....	64	64
Miscellaneous .....	62	849	911	2,846	778	3,624	35	1,010	1,045	860	558	1,418
Total .....	742	3,250	3,992	4,918	7,433	12,351	386	3,788	4,174	890	2,062	2,952

  

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>5</sup>		
	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Apples .....	30	318	348	47	717	764	3	2,062	2,065	.....	762	762
Grapefruit .....	.....	137	137	11	319	330	.....	523	523	.....	349	349
Grapes .....	.....	97	97	107	226	333	13	657	670	.....	238	238
Lemons .....	.....	76	76	24	144	168	.....	302	302	.....	103	103
Mixed citrus .....	.....	.....	14	1	15	.....	.....	.....	.....	.....	.....	.....
Oranges .....	.....	350	350	130	615	745	.....	1,437	1,437	.....	734	734
Peaches .....	.....	104	104	19	244	263	1	441	442	1	206	207
Pears .....	.....	32	32	10	183	193	6	434	440	.....	142	142
Plums and fresh												
prunes .....	.....	29	29	44	93	137	.....	265	265	.....	86	86
Strawberries .....	1	95	96	33	98	131	5	203	208	1	166	167
Tangerines .....	.....	59	59	.....	116	116	.....	129	129	.....	61	61
Miscellaneous .....	2	648	650	189	1,354	1,543	3,472	1,174	4,646	274	1,612	1,886
Total .....	33	1,945	1,978	628	4,110	4,738	3,500	7,627	11,127	276	4,459	4,735

<sup>1</sup> Use of car/carlot equivalents for reporting unloads of fresh fruits was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 369.

<sup>2</sup> Estimated percentages of completeness for reported truck unloads for 1978 are as follows: Atlanta and San Francisco 80; Baltimore and Chicago 85; New York, Los Angeles, and Philadelphia 90; Boston 90-95.

<sup>3</sup> Includes Newark.

<sup>4</sup> Includes Washington.

<sup>5</sup> Includes Oakland.

Agricultural Marketing Service.

Table 373.—Fruits, fresh: Total reported domestic rail, truck, and air shipments, 1979<sup>1</sup>

Commodity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Citrus fruit	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Grapefruit	2,581	2,817	3,167	2,588	1,716	477	375	312	40	1,424	2,096	2,238	19,831
Lemons	557	623	938	797	698	771	542	589	486	478	506	650	7,635
Mixed citrus	5	1	4	1	12	33	43	28	13	1	10	12	163
Oranges	2,697	2,875	3,504	3,572	3,259	2,371	1,346	1,172	1,516	1,546	3,065	4,737	31,660
Tangelos	243	17	2							19	345	760	1,386
Tangerines	455	486	337	76	20	2	4	1		223	717	941	3,262
Templets	720	798	163	9								37	1,727
Total	7,258	7,617	8,115	7,043	5,705	3,654	2,310	2,102	2,055	3,691	6,739	9,375	65,664
Non-citrus fruit													
Apples	2,153	2,295	2,966	2,236	1,966	1,719	943	711	2,193	3,061	3,176	3,816	27,235
Apricots					34	81	44	4					163
Avocados	244	211	287	240	262	301	221	186	228	202	182	218	2,262
Blueberries						55	115	49	5				274
Cherries						879	341						1,399
Grapes, Table	207	78	7	2	179	664	766	1,461	1,148	842	708	485	6,376
Grapes, Juice								4	1,901	325	13		2,243
Mixed deciduous	2	1	5	3	5	77	48	11	3	18	30	5	208
Nectarines						107	649	1,256	717	321	8		3,058
Peaches				1	467	1,592	2,124	1,486	898	15			6,583
Pears	496	425	408	282	163	49	235	476	814	923	658	691	5,620
Plums—fresh													
prunes					120	909	1,329	1,050	392	41	7		3,848
Strawberries	36	18	172	1,032	1,213	520	213	201	106	56	8	5	3,580
Total	3,138	3,028	3,825	3,796	4,524	7,495	7,635	6,356	8,009	5,491	4,782	5,220	63,299
Miscellaneous fruit and berries													
Fruits <sup>2</sup>	13	14	14	21	24	23	1					1	111
Limes	26	20	22	23	51	64	87	87	55	40	40	45	560
Mangoes						18	50	25	2				95
Misc. citrus									4	310	68		382
Persimmons										15	15	4	34
Pomegranates								5	13	58	22	2	100
Total	39	34	36	44	75	105	138	117	74	423	145	52	1,282
Grand total	10,435	10,679	11,976	10,883	10,304	11,254	10,083	8,575	10,138	9,605	11,666	14,647	130,245

<sup>1</sup>Use of car/carlot equivalents for reporting shipments of fresh fruit was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963–1977 are published in carlot equivalents in Agricultural Statistics, 1978, table 370.

<sup>2</sup>Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail carriers, inspection service and shipping points.

Table 374.—Fruits, noncitrus: Production, utilization, and value, United States, 1965–79<sup>1</sup>

Year	Utilized production <sup>2</sup>	Fresh	Processed						Value of utilized production <sup>4</sup>
			Canned	Dried	Juice <sup>3</sup>	Frozen	Wine <sup>3</sup>	Other	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 dollars
1965	10,935	3,540	2,229	1,936		250		2,891	865,192
1966	10,278	3,506	2,280	1,780		203		2,424	933,541
1967	8,799	3,078	1,867	1,322		245		2,208	988,812
1968	10,011	3,413	2,335	1,672		267		2,238	1,118,047
1969	11,190	3,719	2,571	1,612	667	254	2,054	199	1,083,152
1970	9,890	3,378	2,030	1,634	708	221	1,583	238	1,062,354
1971	10,535	3,421	2,003	1,431	877	240	2,310	192	1,159,402
1972	8,436	3,114	1,805	804	720	244	1,520	169	1,320,084
1973	10,965	3,403	2,071	1,795	598	254	2,567	196	1,948,531
1974	11,240	3,620	2,203	1,655	768	223	2,416	279	1,947,446
1975	11,668	4,077	2,023	1,920	863	226	2,275	203	1,878,743
1976	11,169	3,950	1,873	1,662	819	246	2,322	220	2,029,659
1977	11,567	3,901	1,979	1,870	849	236	2,412	264	2,466,211
1978	11,869	4,092	1,961	1,364	1,144	266	2,672	312	2,977,552
1979 <sup>5</sup>	13,041	4,288	2,168	2,039	1,264	224	2,713	300	3,317,546

Table 375.—Fruit juices, canned: United States packs, 1965-78

Season	Citrus juices <sup>1</sup>				Pine-apple juice <sup>2</sup>	Grape juice	Prune juice	Apple juice	Fruit nectars
	Grape-fruit	Orange	Blended orange and grape-fruit	Tangerine and tangerine blends					
	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>
1965 .....	13,826	12,114	2,911	62	15,354	4,800	7,600	9,611	2,860
1966 .....	20,991	16,341	3,738	156	15,084	4,700	7,500	8,889	2,860
1967 .....	15,826	10,414	2,187	49	15,081	4,600	7,400	8,726	2,860
1968 .....	20,535	13,453	2,578	92	13,954	3,921	5,287	9,365	2,733
1969 .....	22,124	14,296	2,419	47	15,014	<sup>4</sup> 7,200	<sup>4</sup> 9,200	13,390	( <sup>5</sup> )
1970 .....	25,993	15,452	2,500	35	13,704	<sup>4</sup> 6,600	<sup>4</sup> 9,300	14,118	<sup>4</sup> 6,200
1971 .....	26,777	13,852	1,983	16	13,641	( <sup>5</sup> )	( <sup>5</sup> )	13,696	( <sup>5</sup> )
1972 .....	28,262	17,053	2,135	24	12,328	( <sup>5</sup> )	( <sup>5</sup> )	13,832	( <sup>5</sup> )
1973 .....	29,001	13,819	1,983	18	11,350	( <sup>5</sup> )	( <sup>5</sup> )	14,793	( <sup>5</sup> )
1974 .....	21,629	13,294	1,723	12	8,448	( <sup>5</sup> )	( <sup>5</sup> )	15,433	( <sup>5</sup> )
1975 .....	25,821	13,461	2,769	19	8,713	( <sup>5</sup> )	( <sup>5</sup> )	15,264	( <sup>5</sup> )
1976 .....	27,689	14,435	1,584	35	10,205	( <sup>5</sup> )	( <sup>5</sup> )	15,412	( <sup>5</sup> )
1977 .....	26,379	15,829	1,945	8	11,977	( <sup>5</sup> )	( <sup>5</sup> )	18,218	( <sup>5</sup> )
1978 .....	25,175	18,905	1,430	19	11,336	( <sup>5</sup> )	( <sup>5</sup> )	24,146	( <sup>5</sup> )

<sup>1</sup> Excluding citrus concentrates. <sup>2</sup> Hawaii and foreign operations. <sup>3</sup> Equivalent cases of 24 No. 2 cans.<sup>4</sup> Thousand actual cases basis. <sup>5</sup> Not available.

Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from various canners' associations and individual canners.

Table 376.—Fruits, dried: Production (dry basis), United States, 1965-79

Year	Apples	Apricots	Dates	Figs	Peaches	Pears	Prunes <sup>1</sup>	Raisins	Total
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1965 .....	11,510	5,130	21,000	14,500	5,430	170	117,120	270,400	445,260
1966 .....	15,900	6,500	21,300	18,400	3,380	1,280	96,910	280,400	444,070
1967 .....	9,980	3,670	20,800	10,900	1,960	180	122,110	181,200	350,800
1968 .....	10,860	3,850	23,000	13,000	2,820	400	107,420	264,250	425,600
1969 .....	17,669	6,430	16,500	14,370	3,510	764	91,300	251,800	402,343
1970 .....	11,862	5,600	18,200	12,280	2,275	585	158,360	193,450	402,612
1971 .....	6,012	4,000	19,500	10,370	1,860	750	91,850	194,830	329,172
1972 .....	9,288	3,000	15,700	8,950	1,500	960	41,750	105,350	186,498
1973 .....	15,481	3,260	23,100	11,220	1,500	790	161,760	224,525	441,637
1974 .....	12,325	2,640	22,700	11,430	1,750	700	105,221	242,130	398,896
1975 .....	14,344	4,500	24,800	8,840	2,375	980	<sup>2</sup> 102,695	283,650	442,184
1976 .....	14,331	4,650	22,400	7,000	2,500	1,270	<sup>2</sup> 106,322	<sup>3</sup> 218,400	376,873
1977 .....	14,094	5,100	25,400	11,000	2,500	1,130	<sup>2</sup> 109,568	248,900	417,692
1978 .....	13,813	3,600	24,650	6,800	2,000	855	<sup>2</sup> 96,736	172,500	320,954
1979 <sup>4</sup> .....	.....	5,340	24,500	9,700	1,800	1,530	<sup>2</sup> 116,738	300,800	460,408

<sup>1</sup> Excludes quantities not harvested and/or excess cullage of harvested prunes. Excludes prunes used for juice and concentrates. <sup>2</sup> Excludes Oregon. <sup>3</sup> Excludes 65,000 tons laid but not harvested. Includes 72,600 tons substandard diverted for distilling purposes. <sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the Department and trade sources. All data on a natural condition basis.

## FOOTNOTES FOR TABLE 374

<sup>1</sup> Apples, apricots, avocados, bananas, bushberries, cherries, cranberries, dates, figs, grapes, nectarines, olives, papayas, peaches, pears, persimmons, pomegranates, and prunes and plums.<sup>2</sup> Includes culls and cannery diversions for California Clingstone peaches (tons): 1965-89,000; 1966-85,000; 1967-79,000; 1968-86,000; 1969-114,000; 1970-98,000; 1971-61,000; 1972-60,000; 1973-81,000; 1974-76,000; 1975-81,000; 1976-77,000; 1977-57,500; 1978-60,000, and 1979-45,000.<sup>3</sup> Included in "Other" prior to 1969.<sup>4</sup> Excludes culls and cannery diversions for California Clingstone peaches.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 377.—Fruits, dried: Commercial production in specified countries, 1977-78

Commodity and country	1977	1978	1979 <sup>1</sup>	Commodity and country	1977	1978	1979 <sup>1</sup>
	<i>1000 metric tons</i>	<i>1000 metric tons</i>	<i>1000 metric tons</i>		<i>1000 metric tons</i>	<i>1000 metric tons</i>	<i>1000 metric tons</i>
Apples, dried:				Pears, dried:			
South Africa .....	207	247	150	Australia .....	203	291	300
Total .....	207	247	150	South Africa .....	1,446	570	612
				Total .....	1,649	861	912
Apricots, dried:				Prunes, dried:			
Australia .....	2,110	2,051	2,100	Argentina .....	8,000	5,500	7,100
Iran .....	9,300	5,000	4,000	Australia .....	3,192	2,214	4,000
South Africa .....	1,506	1,139	1,503	Chile .....	5,200	5,000	5,400
Spain .....	650	680	900	France .....	6,133	22,190	23,500
Turkey .....	10,000	8,000	12,000	South Africa .....	1,374	2,081	1,500
Total .....	23,566	16,870	20,503	Yugoslavia .....	22,896	14,350	10,000
				Total .....	46,795	51,335	51,500
Currants:				Raisins:			
Australia .....	6,076	4,375	6,124	Australia .....	56,821	63,791	56,035
Greece .....	76,600	66,800	57,000	Greece .....	60,000	81,000	79,000
South Africa .....	785	894	688	Iran .....	63,000	70,000	60,000
Total .....	83,461	72,069	63,812	South Africa .....	8,949	12,881	17,513
Figs, dried:				Spain .....	2,300	2,500	2,100
Greece .....	19,800	18,350	20,800	Turkey .....	110,000	82,000	95,000
Portugal .....	6,000	4,250	5,000	Total .....	301,070	312,172	309,648
Spain .....	3,000	4,200	3,900				
Turkey .....	42,000	50,000	52,000				
Total .....	70,800	76,800	81,700				
Peaches, dried:							
Australia .....	276	233	250				
Chile .....	1,400	1,300	1,300				
South Africa .....	1,902	1,981	2,302				
Total .....	3,578	3,464	3,852				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 378.—Fruits, frozen: Commercial pack, by kinds and areas, United States, 1979<sup>1</sup>

Commodity	Northeast <sup>2</sup>	South <sup>3</sup>	Midwest <sup>4</sup>	West <sup>5</sup>	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Apples .....	<sup>6</sup> 11,579		29,170	21,128	60,827
Apricots .....				16,941	16,941
Cherries, red tart .....	12,807		47,934	14,474	75,215
Cherries, sweet .....			<sup>7</sup> 3,039	10,223	13,262
Grapes and pulp .....				<sup>7</sup> 2,264	2,264
Peaches .....				<sup>6</sup> 62,510	62,510
Plums and prunes .....				<sup>7</sup> 5,649	5,649
Purees, noncitrus* .....				<sup>6</sup> 12,251	12,251
Berries:					
Blackberries .....				<sup>7</sup> 14,823	14,823
Blueberries .....	<sup>6</sup> 16,671		12,854	1,960	31,485
Boysenberries .....				2,732	2,732
Currants .....				<sup>7</sup> 475	475
Gooseberries .....					( <sup>9</sup> )
Loganberries .....				1,276	1,276
Ollalieberries .....				3,082	3,082
Raspberries, black .....			<sup>7</sup> 3,907		3,907
Raspberries, red .....				<sup>7</sup> 19,611	19,611
Strawberries .....			<sup>6</sup> 6,698	183,874	190,572
Citrus juices <sup>10</sup> .....		<sup>11</sup> 1,901,347			1,901,347
Miscellaneous fruits and berries <sup>9</sup> .....				<sup>6</sup> 16,897	16,897
Total .....	41,007	1,901,347	103,602	389,170	2,435,126

See footnotes on page 255.



Table 379.—Fruits, frozen: Commercial pack, United States, 1970-79

Commodity	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples .....	100,370	96,999	130,377	135,086	99,180	89,704	118,759	97,204	68,337	60,827
Apricots .....	12,107	10,377	15,512	16,534	11,848	15,886	15,008	11,814	11,814	16,941
Cherries, red tart .....	121,271	159,408	145,570	109,368	137,976	126,073	84,113	103,751	92,710	75,215
Cherries, sweet .....	4,124	2,668	3,266	5,209	8,890	6,712	12,366	13,011	18,362	13,262
Grapes and pulp .....	5,185	5,761	5,393	4,145	2,897	(1)	1,723	4,892	4,529	2,264
Peaches .....	47,471	59,924	46,316	81,388	59,058	40,273	65,101	69,323	40,814	62,510
Plums .....	8,269	3,666	5,075	6,121	6,315	5,236	4,977	3,594	2,774	5,649
Prunes .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Pears, noncitrus .....	15,170	16,331	10,582	12,228	5,311	5,983	16,171	16,833	16,338	12,251
Berries .....										
Blackberries .....	29,186	27,536	21,164	8,249	21,107	20,882	22,774	23,352	19,579	14,828
Blueberries .....	21,836	30,441	30,982	44,376	24,893	24,572	26,261	14,750	27,092	31,485
Boysenberries .....	8,478	6,245	6,203	6,275	5,093	4,815	4,094	3,596	3,048	2,732
Currents .....	746	803	758	1,114	630	543	1,123	765	654	475
Gooseberries .....	540	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Lingonberries .....	1,766	1,953	1,517	852	1,877	2,954	2,371	3,427	2,089	1,276
Malleberries .....	2,265	2,651	2,724	3,186	2,595	1,880	(1)	(1)	2,886	3,062
Raspberries .....	29,504	28,102	24,361	29,309	22,107	25,652	22,561	4,988	21,195	23,516
Strawberries .....	201,572	199,399	146,842	169,552	170,371	183,895	215,153	220,397	159,894	190,372
Citrus juices <sup>3</sup> .....	1,351,492	1,303,147	1,471,873	1,589,329	1,589,328	1,965,992	1,999,776	1,711,977	1,728,614	1,901,847
Miscellaneous fruits and berries .....	10,388	12,909	15,530	18,172	23,983	10,755	14,988	20,694	16,021	16,897
Total .....	1,972,180	1,968,625	2,086,935	2,539,493	2,443,900	2,552,817	2,538,289	2,348,537	2,235,490	2,435,126

<sup>1</sup>Included in miscellaneous fruits and berries.<sup>2</sup>Included in plums.<sup>3</sup>Florida only. Calendar year estimate.

Economics, Statistics, and Cooperatives Service—Economics. Data from American Frozen Food Institute and Florida Canners Association.

Table 380.—Fruit and juices: Cold-storage holdings, end of month, United States, 1978 and 1979

Month	Fresh		Frozen					
	Apples		Apples		Blueberries		Cherries	
	1978	1979	1978	1979	1978	1979	1978	1979
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	1,658,124	2,061,710	103,575	90,220	21,802	32,503	58,621	61,316
February .....	1,172,537	1,536,430	117,625	98,337	19,506	28,685	52,137	52,947
March .....	751,608	1,049,153	103,936	85,104	15,144	25,603	41,605	41,386
April .....	431,125	676,430	91,340	80,672	11,263	21,605	32,562	34,943
May .....	185,715	352,649	33,369	74,196	9,329	18,554	28,315	29,804
June .....	72,872	167,706	72,097	66,021	8,316	17,059	19,591	25,638
July .....	14,770	39,218	65,470	56,856	15,488	18,639	85,944	70,351
August .....	11,547	12,566	60,111	44,619	32,441	38,749	104,585	94,970
September .....	1,446,077	1,834,992	47,242	37,578	41,112	45,276	96,633	87,281
October .....	3,444,244	3,870,195	54,435	43,721	41,427	41,326	84,745	82,351
November .....	3,220,372	3,380,447	65,855	56,235	38,705	38,692	77,136	72,238
December .....	2,624,543	2,790,159	82,629	65,490	35,651	36,376	70,577	67,297

  

Month	Frozen—Continued					
	Strawberries		Total frozen fruit		Orange juice	
	1978	1979	1978	1979	1978	1979
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	126,544	94,773	549,399	490,103	511,502	762,339
February .....	113,251	87,710	518,124	453,874	617,088	996,613
March .....	111,076	82,479	465,164	394,876	617,315	994,992
April .....	111,705	90,756	416,707	358,881	744,415	1,044,370
May .....	115,311	117,258	385,448	353,552	854,732	1,186,516
June .....	187,998	185,527	434,795	402,567	883,125	1,228,407
July .....	192,132	196,668	530,948	468,011	811,551	1,116,430
August .....	172,946	187,450	552,572	511,517	720,219	926,203
September .....	162,524	177,244	564,372	535,639	549,583	704,605
October .....	144,545	166,569	597,838	602,355	485,376	560,052
November .....	127,163	147,259	552,139	573,381	359,798	466,567
December .....	108,690	132,514	517,943	550,981	506,463	559,023

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 381.—Canned fruits and fruit juices: Cannery and distributors' stocks, beginning of season, United States, 1977-79

Commodity	Season beginning—	Cannery stocks <sup>1</sup>			Distributors' stocks <sup>2</sup>		
		1977	1978	1979	1977	1978	1979
		<i>1,000 cases<sup>3</sup></i>	<i>1,000 cases<sup>3</sup></i>	<i>1,000 cases<sup>3</sup></i>	<i>1,000 cases<sup>3</sup></i>	<i>1,000 cases<sup>3</sup></i>	<i>1,000 cases<sup>3</sup></i>
Canned fruits:							
Apples .....	Aug. 1 .....	560	597	632	275	253	264
Applesauce .....	Aug. 1 .....	4,253	4,351	3,660	1,513	1,709	1,721
Apricots .....	June 1 .....	1,141	711	419	397	315	319
Cherries, red pitted .....	July 1 .....	11	15	21	147	95	106
Cherries, sweet .....	June 1 .....	204	192	176	102	95	104
Grapefruit sections .....	Oct. 1 .....	396	298	202	191	160	148
Peaches .....	June 1 .....	7,474	8,496	4,772	2,740	2,952	2,621
Pears .....	June 1 .....	4,597	3,832	3,758	1,343	1,363	1,358
Pineapple .....	June 1 .....	10,075	12,245	12,669	1,755	1,825	1,951
Purple plums .....	June 1 .....	705	504	350	196	162	159
Fruit cocktail .....	June 1 .....	5,391	4,835	3,381	1,640	1,734	1,698
Canned juices:							
Grapefruit .....	Oct. 1 .....	4,377	3,474	1,858	1,553	1,735	1,790
Orange .....	Oct. 1 .....	2,013	2,157	1,788	1,298	1,406	1,452
Blended orange and grapefruit .....	Oct. 1 .....	148	293	124	202	210	204
Pineapple .....	June 1 .....	2,506	3,158	2,843	450	572	525

See footnotes on page 256.

Table 382.—Fruits: Total and per capita civilian consumption, United States, 1965-79<sup>1</sup>

Year	Fruits used fresh							
	Total fruits		Apples <sup>2</sup>		Citrus fruits		Other fresh fruits <sup>3</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Millions pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1965 .....	15,583	81.4	3,134	16.3	5,580	29.2	6,869	35.9
1966 .....	15,825	81.8	3,100	16.0	5,653	29.2	7,072	36.6
1967 .....	16,012	82.0	3,169	16.2	6,211	31.8	6,632	34.0
1968 .....	15,493	78.6	3,092	15.7	5,205	26.4	7,196	36.5
1969 .....	15,835	79.5	2,966	14.9	5,652	28.4	7,217	36.2
1970 .....	16,422	81.4	3,690	18.3	5,817	28.8	6,915	34.3
1971 .....	16,534	81.0	3,299	16.2	5,984	29.3	7,251	35.5
1972 .....	15,995	77.5	3,596	15.7	5,693	27.6	6,706	32.5
1973 .....	15,984	76.8	3,052	14.7	5,741	27.6	7,191	34.5
1974 .....	16,656	79.4	3,384	16.1	5,805	27.7	7,467	35.6
1975 .....	17,855	84.4	3,787	17.9	6,285	29.7	7,783	36.8
1976 .....	18,455	86.6	4,008	18.8	6,264	29.4	8,183	38.4
1977 .....	17,876	83.2	3,637	16.9	5,721	26.7	8,518	39.6
1978 .....	18,048	83.3	3,494	16.1	5,853	27.0	8,701	40.2
1979 <sup>4</sup> .....	18,903	86.5	3,893	17.8	5,426	24.8	9,584	43.9

  

Year	Canned fruits <sup>5</sup>		Canned juices <sup>6</sup>		Dried fruits <sup>7</sup>		Frozen fruit and juices <sup>8</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1965 .....	4,559	23.7	2,416	12.6	572	3.0	1,662	8.7
1966 .....	4,516	23.7	2,866	14.8	585	3.0	1,594	8.3
1967 .....	4,497	23.0	3,122	15.9	544	2.8	2,009	10.3
1968 .....	4,397	22.3	3,136	15.9	558	2.8	2,022	10.3
1969 .....	4,901	24.6	3,727	18.7	527	2.6	1,914	9.6
1970 .....	4,778	23.7	3,872	19.2	551	2.7	2,000	9.9
1971 .....	4,549	22.3	4,057	19.9	538	2.6	2,318	11.4
1972 .....	4,475	21.7	3,945	19.1	419	2.0	2,569	12.4
1973 .....	4,510	21.6	4,236	20.4	536	2.6	2,531	12.1
1974 .....	4,178	19.9	3,862	18.4	520	2.5	2,545	12.1
1975 .....	4,136	19.6	4,340	20.6	645	3.0	3,010	14.2
1976 .....	4,156	19.5	4,471	21.0	568	2.7	2,935	13.8
1977 .....	4,326	20.1	4,223	19.7	548	2.5	3,017	14.0
1978 .....	4,176	19.3	4,973	23.0	.....	.....	2,434	12.7
1979 <sup>4</sup> .....	4,094	18.8	4,996	22.9	( <sup>9</sup> )	( <sup>9</sup> )	2,691	12.3

<sup>1</sup> Fresh citrus fruits are on a crop-year basis. Dried fruits are on a pack-year basis. The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for members of the Armed Forces not eating out of civilian supplies.

<sup>2</sup> Excludes noncommercial apples.

<sup>3</sup> Apricots, avocados, bananas, cherries, cranberries, figs, grapes, nectarines, peaches, pears, pineapple, papayas beginning 1960, plums and prunes, strawberries, bushberries beginning 1970, and miscellaneous fruit beginning 1970.

<sup>4</sup> Preliminary.

<sup>5</sup> Apples, applesauce, apricots, berries, cherries (including brined), cranberries, figs, fruit cocktail and salad, canned and chilled citrus sections, olives (including brined), pineapple, plums, prunes, peaches (including spiced), and pears. Figs excluded after 1972.

<sup>6</sup> Grapefruit, orange, blended citrus, lemon and lime, tangerine and blends, pineapple, apple, grape, and prune juices, and fruit nectars. Includes canned concentrated citrus juices converted to single-strength basis, but excludes all frozen juices. Includes chilled orange and grapefruit juice.

<sup>7</sup> Dried apples, apricots, dates, figs, peaches, pears, prunes, and raisins. Excludes unmerchantable figs, substandard prunes, and prunes used for juice and concentrate. Data are in terms of processed dried weight.

<sup>8</sup> Principally cherries, apples, peaches, apricots, strawberries, other berries, and citrus juices.

<sup>9</sup> Not available.

Economics, Statistics, and Cooperatives Service—Economics.

## FOOTNOTES FOR TABLE 378

<sup>1</sup> Includes the commercial pack only and does not include quantities produced in frozen food locker plants. <sup>2</sup> Connecticut, Maine, Massachusetts, New Jersey, New York, Pennsylvania, and Rhode Island. <sup>3</sup> Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia. <sup>4</sup> Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin. <sup>5</sup> Arizona, California, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, and Washington. <sup>6</sup> Includes pack in South. <sup>7</sup> Includes pack in Northeast. <sup>8</sup> Includes pack in Midwest. <sup>9</sup> Included with miscellaneous fruits and berries. 1978 data include cantaloups, gooseberries, melon balls, mixed fruits, Montmorency cherries, and olallieberries. <sup>10</sup> Calendar year estimate. (See table 324 for packs of concentrated grapefruit and orange juice in gallons, pack-year basis.) <sup>11</sup> Florida only. <sup>12</sup> 1979 data include purees of apple, apricot, banana, cherry, black and red raspberry, boysenberry, loganberry, grape, melons, nectarine, peach, plum, and strawberry.

Economics, Statistics, and Cooperatives Service—Economics. Data from American Frozen Food Institute and Florida Citrus Association.

Table 383.—Tree nuts (shelled basis): Supply and utilization, United States, 1965-79<sup>1</sup>

Crop year	United States production <sup>2</sup>	Imports <sup>3</sup>	Beginning stocks	Total supply	Exports <sup>3</sup>	Ending stocks	Civilian disappearance	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1965 .....	245,990	121,090	101,320	468,400	36,770	86,250	345,380	1.79
1966 .....	243,180	119,180	86,250	448,610	36,070	76,480	336,080	1.73
1967 .....	238,090	139,150	76,460	453,700	41,100	70,150	342,450	1.74
1968 .....	238,540	158,300	70,150	466,990	36,650	71,290	359,050	1.81
1969 .....	304,150	135,480	71,290	510,920	82,520	86,280	342,120	1.71
1970 .....	295,940	148,900	86,280	531,120	96,370	76,700	358,050	1.76
1971 .....	363,610	151,700	76,700	592,010	125,420	80,830	385,760	1.88
1972 .....	310,260	178,770	80,830	569,860	108,750	55,690	405,420	1.96
1973 .....	398,490	152,410	55,690	606,590	119,120	127,220	360,250	1.72
1974 .....	392,530	116,215	127,220	635,965	151,440	153,780	330,745	1.57
1975 .....	425,860	166,100	153,780	745,240	196,680	137,010	411,250	1.84
1976 .....	449,950	161,810	137,010	748,770	223,500	114,670	410,600	1.92
1977 .....	546,650	106,380	114,670	767,680	240,160	153,840	373,880	1.73
1978 <sup>4</sup> .....	396,230	130,960	153,640	680,830	179,030	117,810	388,990	1.77
1979 <sup>4</sup> .....			117,810					

<sup>1</sup> Includes almonds, filberts, pecans, walnuts, Brazil nuts, pignolias, pistachios, chestnuts, cashews, and miscellaneous tree nuts; beginning 1960, includes macadamias.

<sup>2</sup> Almonds, filberts, walnuts, pecans, and macadamias; no reports on other nuts. Excludes quantities unharvested and culls not used or used for oil.

<sup>3</sup> Foreign trade data on a fiscal-year basis, beginning July 1 or Aug. 1 of year indicated.

<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 384.—Tree nuts: Commercial production in specified countries, 1977-79

Commodity and country	1977	1978	1979 <sup>1</sup>	Commodity and country	1977	1978	1979 <sup>1</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
Almonds (shelled basis):				Filberts (in the shell)—			
Iran .....	8.0	7.5	7.0	Continued			
Italy .....	22.0	23.0	10.0	Turkey .....	290.0	305.0	290.0
Morocco .....	1.7	3.5	2.6	Total .....	390.0	418.0	399.0
Portugal .....	1.5	3.0	1.7				
Spain .....	32.0	60.0	32.0	Walnuts (in the shell):			
Total .....	65.2	97.0	53.3	France .....	14.5	30.0	30.0
Brazil nuts (in the shell):				India .....	14.0	18.0	15.0
Brazil .....	42.0	35.0	50.0	Iran .....	3.2	3.0	3.0
Filberts (in the shell):				Italy .....	12.0	15.0	17.0
Italy .....	70.0	100.0	80.0	Turkey .....	105.0	90.0	95.0
Spain .....	30.0	13.0	29.0	Total .....	148.7	156.0	160.0

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

## FOOTNOTES FOR TABLE 381

<sup>1</sup> Cannery's stocks for citrus products are Florida only.

<sup>2</sup> Distributors' stocks are as of the beginning of the season for all items except that apples and applesauce are as of June 1 and citrus products as of November 1.

<sup>3</sup> Actual cases.

Agricultural Marketing Service. Compiled from various canners' associations and the U.S. Department of Commerce.



**Table 385.—Almonds (shelled basis): Production, season average price per pound, and value, California, 1965-79**

Year	Production	Price	Value	Year	Production	Price	Value
	<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1965 .....	79.6	56.5	44,979	1973 .....	155.0	128.8	199,660
1966 .....	95.4	54.4	51,911	1974 .....	230.0	74.0	170,100
1967 .....	82.8	53.8	44,581	1975 .....	186.0	63.7	118,400
1968 .....	80.4	55.3	44,477	1976 .....	284.0	64.8	184,032
1969 .....	132.0	56.0	73,932	1977 .....	313.0	84.5	264,485
1970 .....	149.0	53.8	80,104	1978 .....	181.0	145.0	262,450
1971 .....	162.0	53.8	87,100	1979 <sup>1</sup> .....	376.0	154.0	579,040
1972 .....	151.0	65.0	98,125				

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 386.—Almonds (shelled basis)<sup>1</sup>: Foreign trade, United States, 1965-78**

Year beginning October	Imports	Year beginning October	Imports	Year beginning October	Imports
	<i>1,000 tons</i>		<i>1,000 tons</i>		<i>1,000 tons</i>
1965 .....	206	1970 .....	94	1975 .....	243
1966 .....	177	1971 .....	69	1976 .....	666
1967 .....	211	1972 .....	100	1977 .....	97
1968 .....	474	1973 .....	45	1978 .....	844
1969 .....	150	1974 .....	64		

<sup>1</sup> Unshelled nuts converted to shelled basis at ratio of 2.0 to 1.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

**Table 387.—Filberts (in the shell): Production, season average price per ton, and value, United States, 1965-79**

Year	Oregon			Washington			Oregon and Washington		
	Production <sup>1</sup>	Price <sup>2</sup>	Value	Production <sup>1</sup>	Price <sup>2</sup>	Value	Production <sup>1</sup>	Price <sup>2</sup>	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	7,300	450	3,285	440	452	199	7,740	450	3,484
1966 .....	11,700	390	4,563	520	417	217	12,220	391	4,780
1967 .....	7,000	492	3,444	540	497	268	7,540	492	3,712
1968 .....	7,000	518	3,626	600	520	312	7,600	518	3,928
1969 .....	7,100	550	3,905	300	555	167	7,400	550	4,072
1970 .....	8,750	570	4,988	510	571	291	9,260	570	5,279
1971 .....	11,000	414	4,554	370	416	154	11,370	414	4,708
1972 .....	9,600	508	4,877	550	509	280	10,150	508	5,175
1973 .....	11,700	570	6,669	550	635	349	12,250	573	7,018
1974 .....	6,400	560	3,584	300	565	170	6,700	560	3,754
1975 .....	11,800	610	7,198	320	595	190	12,120	610	7,388
1976 .....	6,950	640	4,448	220	635	140	7,170	640	4,588
1977 .....	11,400	687	7,832	350	674	236	11,750	687	8,068
1978 .....	13,700	805	11,029	350	835	292	14,050	806	11,321
1979 <sup>3</sup> .....	12,700	951	12,078	300	970	291	13,000	951	12,369

<sup>1</sup> Production is the quantity sold or utilized. Excludes unharvested production for Oregon as follows: 500 tons in 1974.<sup>2</sup> Equivalent returns per ton at first delivery point.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 388.—Filberts (shelled basis<sup>1</sup>): Foreign trade, United States, 1965-78

Year beginning October	Imports	Year beginning October	Imports	Year beginning October	Imports
	1,000 tons		1,000 tons		1,000 tons
1965 .....	2,377	1970 .....	3,549	1975 .....	4,248
1966 .....	2,342	1971 .....	2,144	1976 .....	6,427
1967 .....	3,366	1972 .....	4,127	1977 .....	3,795
1968 .....	4,168	1973 .....	6,539	1978 .....	4,439
1969 .....	2,222	1974 .....	2,017		

<sup>1</sup>Unshelled nuts converted to shelled basis at ratio of 2.22 to 1.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 389.—Macadamia nuts (in-the-shell): Area, yield, production, price, and value, Hawaii, 1965-79

Year	Area harvested	Yield per harvested acre <sup>1</sup>	Production <sup>2</sup>	Price per pound	Value	Year	Area harvested	Yield per harvested acre <sup>1</sup>	Production <sup>2</sup>	Price per pound	Value
	Acres	1,000 pounds	1,000 pounds	Cents	1,000 dollars		Acres	1,000 pounds	1,000 pounds	Cents	1,000 dollars
1965 .....	2,780	3.1	8,538	19.4	1,656	1973 .....	5,080	2.4	12,124	25.5	3,092
1966 .....	2,950	3.0	8,726	21.0	1,832	1974 .....	5,760	2.8	16,370	32.0	5,238
1967 .....	3,340	2.4	7,972	24.6	1,961	1975 .....	6,080	3.0	18,210	31.6	5,754
1968 .....	3,680	2.8	10,444	22.8	2,381	1976 .....	6,300	3.0	18,990	36.9	7,007
1969 .....	4,030	2.5	10,057	24.6	2,474	1977 .....	6,300	3.1	19,680	40.8	8,030
1970 .....	4,115	3.2	13,216	21.7	2,868	1978 .....	9,200	2.3	20,980	53.8	11,287
1971 .....	4,900	2.9	14,448	24.7	3,569	1979 <sup>3</sup> .....	9,600	2.8	26,660	62.9	16,769
1972 .....	5,000	2.6	13,110	23.3	3,055						

<sup>1</sup>Derived from total production.

<sup>2</sup>Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 pounds): 217 in 1964, 111 in 1965, and 150 in 1966.

<sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 390.—Pecans (in the shell): Production, season average price per pound, and value, United States, 1965-79

Year	Improved varieties			Native and seedling			All pecans		
	Production	Price	Value	Production	Price	Value	Production	Price	Value
	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars
1965 .....	123,050	20.3	24,958	128,050	15.6	19,993	251,100	17.9	44,951
1966 .....	83,960	31.6	26,538	77,640	26.0	20,214	161,600	28.9	46,752
1967 .....	104,200	37.7	39,239	127,700	30.4	38,787	231,900	33.6	78,026
1968 .....	94,730	42.2	40,011	97,770	32.8	32,082	192,500	37.5	72,093
1969 .....	135,700	31.8	43,114	90,400	27.0	24,365	226,100	29.8	67,479
1970 .....	81,720	42.1	34,403	73,380	35.6	26,125	155,100	39.0	60,528
1971 .....	142,300	35.4	50,369	103,900	29.8	30,917	246,200	33.0	81,286
1972 .....	88,990	46.1	41,028	94,110	38.9	36,608	183,100	42.4	77,636
1973 .....	145,200	42.6	61,793	130,500	30.3	39,494	275,700	36.7	101,287
1974 .....	86,800	52.5	45,542	50,300	38.2	19,199	137,100	47.2	64,741
1975 .....	110,100	46.5	51,164	136,700	34.4	47,036	246,800	39.8	98,200
1976 .....	77,300	87.5	67,603	25,800	63.5	16,380	103,100	81.5	83,983
1977 .....	137,900	66.0	91,015	98,700	46.0	45,444	236,600	57.7	136,459
1978 .....	164,500	64.5	106,170	86,200	52.9	45,560	250,700	60.5	151,730
1979 <sup>1</sup> .....	99,100	70.0	69,342	111,500	42.0	46,821	210,600	55.2	116,163

<sup>1</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 391.—Pecans (in the shell): Production and season average price per pound, by States, 1977-79**

Item and State	Production			Price for crop of—		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
<b>IMPROVED VARIETIES</b>						
Ala .....	25,600	13,000	2,800	52.6	60.8	66.0
Ark .....	900	1,000	400	75.0	81.0	68.0
Fla .....	2,300	1,600	1,100	59.0	65.0	70.0
Ga .....	68,000	105,000	52,000	66.0	60.0	70.0
La .....	3,500	2,500	2,500	55.0	90.0	70.0
Miss .....	6,500	6,000	1,500	65.0	67.0	76.0
N. Mex .....	15,000	15,000	14,700	81.0	75.0	69.0
N.C .....	1,100	2,800	900	61.0	58.0	65.0
Okla .....	1,500	2,000	1,000	77.0	89.0	81.0
S.C .....	1,500	3,600	1,200	68.7	77.0	77.0
Tex .....	12,000	12,000	21,000	79.0	81.0	70.0
U.S .....	137,900	164,500	99,100	66.0	64.5	70.0
<b>NATIVE AND SEEDLING</b>						
Ala .....	6,400	9,000	1,200	41.8	46.1	43.0
Ark .....	2,100	3,000	1,100	50.0	60.0	44.0
Fla .....	3,800	2,600	1,500	47.0	51.0	50.0
Ga .....	20,000	30,000	13,000	49.0	50.0	45.0
La .....	27,500	6,500	13,500	40.0	60.0	37.0
Miss .....	4,500	4,000	1,000	45.0	48.0	50.0
N.C .....	900	1,200	400	50.0	42.0	45.0
Okla .....	12,000	13,500	9,000	46.0	56.0	41.0
S.C .....	1,500	2,400	800	49.2	59.2	57.0
Tex .....	20,000	14,000	70,000	52.0	57.0	42.0
U.S .....	98,700	86,200	111,500	46.0	52.9	42.0
<b>ALL PECANS</b>						
Ala .....	32,000	22,000	4,000	50.4	54.8	59.1
Ark .....	3,000	4,000	1,500	57.5	65.3	50.4
Fla .....	6,100	4,200	2,600	51.5	56.3	58.5
Ga .....	88,000	135,000	65,000	62.1	57.8	65.0
La .....	31,000	9,000	16,000	41.7	68.3	42.2
Miss .....	11,000	10,000	2,500	56.8	59.4	65.6
N. Mex .....	15,000	15,000	14,700	81.0	75.0	69.0
N.C .....	2,000	4,000	1,300	56.1	53.2	58.8
Okla .....	13,500	15,500	10,000	49.4	60.3	45.0
S.C .....	3,000	6,000	2,000	59.0	69.9	69.0
Tex .....	32,000	26,000	91,000	62.1	68.1	48.5
U.S .....	236,600	250,700	210,600	57.7	60.5	55.2

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 392.—Pecans (shelled basis<sup>1</sup>): Foreign trade, United States, 1965-78**

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>
1965 .....	6	2,669	1970 .....	1,244	1,719	1975 .....	2,630	3,660
1966 .....	418	1,778	1971 .....	325	2,027	1976 .....	3,123	2,348
1967 .....	248	1,903	1972 .....	34	2,290	1977 .....	481	3,610
1968 .....	750	1,840	1973 .....	132	2,581	1978 .....	1,244	3,394
1969 .....	260	1,949	1974 .....	5	3,387			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 393.—Walnuts, (English), (in the shell): Production, season average price per ton, and value, United States, 1965-79

Year	California			Oregon			California and Oregon		
	Production	Price	Value	Production <sup>1</sup>	Price	Value	Production <sup>1</sup>	Price	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	79,000	432	34,128	1,300	420	546	80,300	432	34,674
1966 .....	92,000	460	42,320	4,000	400	1,600	96,000	458	43,920
1967 .....	74,000	560	41,440	2,400	500	1,200	76,400	558	42,640
1968 .....	92,000	650	59,800	3,600	540	1,944	95,600	646	61,744
1969 .....	103,000	420	43,260	2,500	364	910	105,500	419	44,170
1970 .....	108,000	407	43,956	3,800	360	1,368	111,800	405	45,324
1971 .....	135,000	420	56,700	1,400	290	406	136,400	419	57,106
1972 .....	116,000	564	65,424	800	538	430	116,800	564	65,854
1973 .....	174,000	605	105,270	1,000	550	550	175,000	605	105,820
1974 .....	155,000	419	64,945	1,500	380	570	156,500	419	65,515
1975 .....	198,000	456	90,288	1,300	390	507	199,300	456	90,795
1976 .....	183,000	627	114,741	700	605	424	183,700	627	115,165
1977 .....	192,000	725	139,200	500	710	355	192,500	725	139,555
1978 .....	160,000	1,302	208,320	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	.....
1979 <sup>2</sup> .....	208,000	819	170,352	.....	.....	.....	.....	.....	.....

<sup>1</sup> Additional quantities not harvested are as follows (tons): 1975—Oregon, 200.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 394.—Walnuts (shelled basis<sup>1</sup>): Foreign trade, United States, 1965-78

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>
1965 .....	671	2,050	1970 .....	247	4,276	1975 .....	59	21,868
1966 .....	1,316	2,104	1971 .....	336	7,740	1976 .....	26	19,148
1967 .....	2,174	1,176	1972 .....	646	6,874	1977 .....	73	8,461
1968 .....	1,545	1,324	1973 .....	79	11,959	1978 .....	588	14,101
1969 .....	116	2,876	1974 .....	17	13,332			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.86 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.38 to 1.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.



Table 395.—Cacao beans: United States imports by country of origin, 1977-79

Continent and country	1977	1978	1979 <sup>1</sup>	Continent and country	1977	1978	1979 <sup>1</sup>
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Africa:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Costa Rica .....	4,498	3,375	2,631	Ghana .....	33,988	24,001	16,989
Dominican Republic .....	24,224	26,911	25,849	Ivory Coast .....	38,635	52,042	42,769
Haiti .....	1,400	2,322	1,797	Liberia .....	563	1,138	1,001
Mexico .....	3,713	1,631	1,116	Nigeria .....	20,746	34,869	18,797
Trinidad and Tobago .....	1,887	1,525	1,320	Other countries .....	400	1,143	1,502
Other countries .....	3,405	4,319	2,935	Total .....	94,332	113,198	81,058
Total .....	39,127	40,083	35,648	Asia and Oceania <sup>2</sup> .....	8,112	5,979	9,756
South America:				Europe .....	136	607	457
Brazil .....	26,271	39,144	31,396	Grand total .....	174,903	208,562	167,881
Ecuador .....	3,720	7,368	7,033				
Venezuela .....	1,830	536	729				
Other countries .....	1,375	1,652	1,804				
Total .....	33,196	48,700	40,962				

<sup>1</sup> Preliminary.<sup>2</sup> Primarily Papua New Guinea.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 396.—Cacao beans: Exports from principal producing countries, 1976-78

Continent and country	1976	1977	1978	Continent and country	1976	1977	1978
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Africa—Continued	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Costa Rica .....	4,180	5,100	5,826	Ghana .....	327,643	249,084	207,043
Dominican Republic .....	24,496	25,615	27,638	Ivory Coast .....	191,409	158,491	244,967
Grenada .....	2,962	2,086	2,718	Liberia .....	2,513	2,029	4,043
Jamaica .....	1,398	1,608	1,243	Madagascar .....	1,653	1,578	1,573
Mexico .....	8,392	4,757	3,640	Nigeria .....	222,966	156,415	190,000
Trinidad and Tobago .....	2,982	1,437	3,228	Sao Tome and Principe .....	5,605	6,071	6,057
Other countries .....	3,953	6,516	7,130	Sierra Leone .....	5,790	5,454	3,716
Total .....	48,363	47,119	51,423	Tanzania .....	658	675	500
South America:				Togo .....	11,806	19,623	17,193
Brazil .....	128,838	107,625	134,074	Uganda .....	123	100	.....
Ecuador .....	22,236	20,085	16,247	Zaire .....	4,334	3,882	4,305
Peru .....	645	1,834	2,178	Total .....	857,061	672,635	753,879
Surinam .....	25	25	30				
Venezuela .....	7,622	7,395	6,410	Asia and Oceania:			
Total .....	159,366	136,964	158,939	Indonesia .....	1,338	1,973	2,000
Africa:				Malaysia .....	14,751	13,608	17,57
Angola .....	200	200	200	New Hebrides .....	649	855	1,096
Benin .....	809	1,105	1,500	Papua New Guinea .....	31,344	29,428	28,027
Cameroon .....	68,612	56,843	61,613	Sri Lanka .....	660	1,248	1,040
Comoros .....	11	12	20	Western Samoa .....	1,662	2,020	1,042
Congo .....	2,415	2,433	2,400	Total .....	50,404	49,132	50,776
Equatorial Guinea .....	7,000	5,000	5,000	Grand total .....	1,115,194	905,850	1,015,017
Gabon .....	3,514	3,640	3,749				

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 397.—Coffee: Area, yield, production, price, and value, Hawaii, 1965-66 to 1979-80

Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value	Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value
	Acres	1,000 pounds	1,000 pounds	Dollars	1,000 dollars		Acres	1,000 pounds	1,000 pounds	Dollars	1,000 dollars
1965-66 .....	3,800	2.0	7,500	0.315	2,362	1973-74 .....	2,500	1.2	3,040	0.563	1,711
1966-67 .....	3,700	2.2	8,040	.256	2,058	1974-75 .....	2,500	.6	1,540	.464	714
1967-68 .....	3,500	1.6	5,440	.271	1,474	1975-76 .....	2,000	.9	1,860	.752	1,399
1968-69 .....	3,200	1.8	5,700	.258	1,471	1976-77 .....	2,000	1.1	2,120	1.85	3,922
1969-70 .....	2,900	1.4	4,130	.355	1,466	1977-78 .....	2,000	1.1	2,270	1.38	3,133
1970-71 .....	2,700	1.6	4,300	.337	1,449	1978-79 .....	1,900	.9	1,680	1.23	2,072
1971-72 .....	2,400	1.2	2,930	.346	1,014	1979-80 <sup>1</sup> .....	1,800	1.0	1,800	1.45	2,610
1972-73 .....	2,400	1.5	3,640	.504	1,835						

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 398.—Coffee: United States imports by country of origin, 1977-79<sup>1</sup>

Continent and country	1977	1978	1979 <sup>2</sup>	Continent and country	1977	1978	1979 <sup>2</sup>
	1,000 bags	1,000 bags	1,000 bags		1,000 bags	1,000 bags	1,000 bags
North America:				Africa—Continued			
Costa Rica .....	272	334	516	Cameroon .....	108	209	183
Dominican Republic .....	585	461	548	Ethiopia .....	288	461	549
El Salvador .....	1,037	627	1,123	Ivory Coast .....	673	775	834
Guatemala .....	832	942	1,268	Madagascar .....	212	406	.....
Mexico .....	1,406	1,390	1,934	Rwanda .....	125	231	167
Nicaragua .....	119	147	194	Tanzania .....	216	334	172
Other countries .....	394	667	615	Uganda .....	966	438	361
Total .....	4,645	4,568	6,198	Other countries .....	768	1,030	779
South America:				Total .....	3,405	4,188	3,085
Brazil .....	2,453	2,694	1,890	Asia and Oceania:			
Colombia .....	1,951	2,808	3,891	India .....	158	277	298
Ecuador .....	505	1,044	638	Indonesia .....	860	1,177	1,294
Peru .....	461	654	954	Other countries .....	172	242	208
Other countries .....	180	467	911	Total .....	1,190	1,696	1,800
Total .....	5,550	7,667	8,284	Other countries .....	18	14	29
Africa:				Grand total .....	14,808	18,133	19,396
Angola .....	49	304	40				

<sup>1</sup> Green coffee only; does not include roasted or soluble.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

FOOTNOTES FOR TABLE 403

<sup>1</sup> Less than 500 kilograms.

Foreign Agricultural Service and U.S. Department of Commerce.

Table 399.—Coffee: Exports from principal producing countries, 1976-78<sup>1</sup>

Continent and country of origin	1976	1977	1978 <sup>2</sup>	Continent and country of origin	1976	1977	1978 <sup>2</sup>
	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>		<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>
North America:				Africa—Continued			
Costa Rica .....	1,071	1,127	1,414	Central African Empire .....	240	163	153
Dominican Republic .....	611	1,329	420	Ethiopia .....	1,133	801	1,121
El Salvador .....	2,552	2,232	2,347	Guinea .....	17	33	11
Guatemala .....	1,985	2,213	2,191	Ivory Coast .....	5,380	3,886	4,091
Haiti .....	447	290	257	Kenya .....	1,292	1,572	1,423
Honduras .....	730	603	958	Madagascar .....	1,216	836	823
Mexico .....	2,646	1,782	1,970	Tanzania .....	964	782	813
Nicaragua .....	876	825	917	Togo .....	162	92	106
Total .....	10,918	10,401	10,474	Uganda .....	2,724	2,192	1,895
South America:				Zaire .....	1,784	1,069	1,364
Brazil .....	13,035	8,540	10,355	Total .....	17,949	13,647	14,475
Colombia .....	6,184	5,017	9,034	Asia and Oceania:			
Ecuador .....	1,440	823	1,638	India .....	807	908	1,070
Peru .....	782	729	892	Indonesia .....	2,268	2,673	3,598
Venezuela .....	300	183	236	Papua New Guinea .....	624	830	769
Total .....	21,741	15,292	22,155	Total .....	3,699	4,411	5,437
Africa:				Grand total .....	54,307	43,751	52,541
Angola .....	1,395	1,038	1,297				
Cameroon .....	1,642	1,183	1,378				

<sup>1</sup> Green coffee only; does not include roasted or soluble.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 400.—Tea: United States imports by country of origin, 1977-79

Continent and country	1977	1978	1979 <sup>1</sup>	Continent and country	1977	1978	1979 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Asia and Oceania—Continued			
Canada .....	2,513	2,170	2,435	India .....	12,317	1,682	5,886
Total .....	2,513	2,170	2,435	Indonesia .....	14,700	10,745	11,205
South America:				Japan .....	3,378	3,218	2,904
Argentina .....	4,890	6,729	7,009	Papua New Guinea .....	222	433	282
Brazil .....	2,349	2,027	3,534	Sri Lanka .....	16,636	14,005	14,655
Ecuador .....	822	607	1,376	Other countries .....	619	367	795
Other countries .....	100	.....	9	Total .....	58,647	37,304	44,469
Total .....	8,161	9,363	11,928	Africa:			
Europe .....				Kenya .....	9,470	8,230	9,438
Germany, Fed. Rep. of .....	170	38	104	Malawi .....	5,611	4,242	2,476
Netherlands .....	3,002	4,080	4,729	Mozambique .....	2,329	1,391	2,368
United Kingdom .....	872	553	370	Rwanda .....	242	438	245
Other countries .....	23	38	8	Tanzania .....	441	779	445
Total .....	4,067	4,709	5,211	Uganda .....	102	.....	.....
Asia and Oceania:				Zaire .....	299	86	16
Bangladesh .....	896	1,008	16	Other countries .....	204	122	208
China: Mainland .....	4,216	2,881	6,461	Total .....	18,698	15,288	15,196
Taiwan .....	5,663	2,965	2,265	Grand total .....	92,086	68,834	79,239

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 401.—Tea: Exports from principal producing countries, 1976-78

Continent and country	1976	1977	1978 <sup>1</sup>	Continent and country	1976	1977	1978 <sup>1</sup>
South America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Asia and Oceania:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Argentina .....	25,138	26,941	25,960	Bangladesh .....	30,725	25,964	30,952
Brazil .....	5,471	5,191	7,773	China: Mainland <sup>2</sup> .....	62,000	68,000	62,000
Ecuador .....	1,167	1,200	1,200	Taiwan .....	21,112	20,845	20,434
Peru .....	89	100	100	India .....	237,303	229,637	169,039
Total .....	31,865	33,432	35,033	Indonesia .....	47,492	51,273	56,152
Africa:				Iran .....	1,742	1,568	1,500
Burundi .....	1,098	1,390	1,258	Japan .....	3,241	3,514	3,406
Kenya .....	59,265	70,222	84,976	Malaysia .....	476	519	500
Malawi .....	29,630	29,914	30,777	Papua New Guinea .....	5,633	6,192	6,978
Mauritius .....	3,351	3,480	4,430	Sri Lanka .....	199,738	185,542	192,553
Mozambique .....	12,863	12,927	12,500	Turkey .....	56	4,190	2,160
Rwanda .....	4,990	5,367	5,341	Total .....	609,518	597,244	545,674
Tanzania .....	11,998	11,973	14,913	Grand total .....	779,812	784,821	747,339
Uganda .....	11,652	14,662	8,663				
Zaire .....	3,582	4,210	3,774				
Total .....	138,429	154,145	166,632				

<sup>1</sup> Preliminary.<sup>2</sup> Estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 402.—Mushrooms: Area, production, price, and value, United States, 1966-78

Year beginning July	Area in production	Production	Price per pound	Value of production		
				Total	Fresh market	Processing
	<i>1,000 sq. ft.</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966 .....	80,595	164,915	35.2	58,025	19,520	38,505
1967 .....	83,389	180,591	34.1	61,653	21,384	40,269
1968 .....	84,728	188,807	35.9	67,856	25,845	42,011
1969 .....	82,350	193,879	37.5	72,705	28,004	44,701
1970 .....	87,490	206,810	43.3	89,620	31,688	57,932
1971 .....	93,798	231,373	46.2	106,882	38,386	68,496
1972 .....	102,315	254,002	43.3	109,975	42,596	67,379
1973 .....	107,584	279,493	44.1	123,354	58,407	64,947
1974 .....	110,921	299,081	49.2	147,242	76,552	70,690
1975 .....	114,711	309,816	61.7	191,098	102,234	88,864
1976 .....	117,692	347,129	73.7	255,678	124,613	131,065
1977 .....	135,101	398,708	77.1	307,588	172,159	135,429
1978 .....	146,738	452,183	79.7	360,255	216,608	143,647

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 403.—Mushrooms, canned: United States imports by country of origin, 1970-79

Country	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Belgium-Luxembourg .....	113	60	71	100	132	117	233	281	30	29
China, Mainland .....		6	57	91	92	27	50	19	8	119
Taiwan .....	9,931	11,189	16,513	14,049	13,625	15,892	18,246	22,203	22,331	20,528
Costa Rica .....	2	104	179	233	364	68	41	128	583	330
Dominican Rep .....			13	207	408	312	147	65	225	258
Ecuador .....	180	177	209	282	153	207				
France .....	339	449	876	420	236	155				89
Hong Kong .....	14	16	165	82	99	117	110	1,586	4,369	6,593
Japan .....	355	441	560	499	581	775	774	485	406	240
Korea, Rep. of .....	142	1,207	4,511	6,354	3,525	6,348	10,492	8,512	11,643	12,946
Mexico .....	60	118	213	105	57	2		24		
Other .....	117	187	132	175	62	133	110	100	262	765
Total .....	11,253	13,954	23,638	22,604	19,335	24,154	30,547	33,563	40,051	41,899

See footnotes on page 262.



Table 404.—Flowers: Sales and value, United States, 1966-79

Year	Quantity sold <sup>1</sup>	Wholesale price	Value of sales at wholesale <sup>2</sup>	Quantity sold <sup>1</sup>	Wholesale price	Value of sales at wholesale <sup>2</sup>
	Standard carnations <sup>3</sup>			Miniature carnations <sup>3</sup>		
	1,000 units	Cents	1,000 dollars	1,000 units	Dollars	1,000 dollars
1966	.....	.....	.....	.....	.....	.....
1967	.....	.....	.....	.....	.....	.....
1968	.....	.....	.....	.....	.....	.....
1969	.....	.....	.....	.....	.....	.....
1970	.....	.....	.....	.....	.....	.....
1971	.....	.....	.....	.....	.....	.....
1972	.....	.....	.....	.....	.....	.....
1973	.....	.....	.....	.....	.....	.....
1974	.....	.....	.....	.....	.....	.....
1975	.....	.....	.....	.....	.....	.....
1976	.....	.....	.....	.....	.....	.....
1977	.....	.....	.....	.....	.....	.....
1978	.....	.....	.....	.....	.....	.....
1979	.....	.....	.....	.....	.....	.....
	Standard chrysanthemums			Pompon chrysanthemums		
	1,000 units	Cents	1,000 dollars	1,000 units	Dollars	1,000 dollars
1966	.....	.....	.....	.....	.....	.....
1967	.....	.....	.....	.....	.....	.....
1968	.....	.....	.....	.....	.....	.....
1969	.....	.....	.....	.....	.....	.....
1970	.....	.....	.....	.....	.....	.....
1971	.....	.....	.....	.....	.....	.....
1972	.....	.....	.....	.....	.....	.....
1973	.....	.....	.....	.....	.....	.....
1974	.....	.....	.....	.....	.....	.....
1975	.....	.....	.....	.....	.....	.....
1976	.....	.....	.....	.....	.....	.....
1977	.....	.....	.....	.....	.....	.....
1978	.....	.....	.....	.....	.....	.....
1979	.....	.....	.....	.....	.....	.....
	Potted chrysanthemums			Gladioli		
	1,000 units	Dollars	1,000 dollars	1,000 units	Cents	1,000 dollars
1966	.....	.....	.....	.....	.....	.....
1967	.....	.....	.....	.....	.....	.....
1968	.....	.....	.....	.....	.....	.....
1969	.....	.....	.....	.....	.....	.....
1970	.....	.....	.....	.....	.....	.....
				Spikes <sup>4</sup>		
1971	.....	.....	.....	.....	.....	.....
1972	.....	.....	.....	.....	.....	.....
1973	.....	.....	.....	.....	.....	.....
1974	.....	.....	.....	.....	.....	.....
1975	.....	.....	.....	.....	.....	.....
1976	.....	.....	.....	.....	.....	.....
1977	.....	.....	.....	.....	.....	.....
1978	.....	.....	.....	.....	.....	.....
1979	.....	.....	.....	.....	.....	.....
	Hybrid Tea roses <sup>3</sup>			Sweetheart roses <sup>3</sup>		
	1,000 units	Cents	1,000 dollars	1,000 units	Cents	1,000 dollars
1966	.....	.....	.....	.....	.....	.....
1967	.....	.....	.....	.....	.....	.....
1968	.....	.....	.....	.....	.....	.....
1969	.....	.....	.....	.....	.....	.....
1970	.....	.....	.....	.....	.....	.....
1971	.....	.....	.....	.....	.....	.....
1972	.....	.....	.....	.....	.....	.....
1973	.....	.....	.....	.....	.....	.....
1974	.....	.....	.....	.....	.....	.....
1975	.....	.....	.....	.....	.....	.....
1976	.....	.....	.....	.....	.....	.....
1977	.....	.....	.....	.....	.....	.....
1978	.....	.....	.....	.....	.....	.....
1979	.....	.....	.....	.....	.....	.....

<sup>1</sup> Blooms for carnations, standard chrysanthemums, and roses; bunches for pompon chrysanthemums; dozen spikes for gladioli; and pots for potted chrysanthemums. <sup>2</sup> Equivalent wholesale value of all sales. <sup>3</sup> Prior to 1968, separate data by type not available. <sup>4</sup> Beginning 1971, unit changed to spikes sold.

Table 405.—Selected floriculture crops: Gross wholesale value of sales,<sup>1</sup> 1978 and 1979, in selected States

State	Cut flowers											
	Carnations				Chrysanthemums				Gladioli		Roses	
	Standard		Miniature		Standard		Pompon		1978	1979	1978	1979
	1978	1979	1978	1979	1978	1979	1978	1979				
Ala	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ark	26,197	28,533	3,763	5,551	18,307	15,865	21,117	21,591	3,627	3,627	25,761	32,556
Calif	14,244	14,009	1,653	1,667	131	131	267	203	5,005	3,609	5,016	6,233
Colo			88				9,479	7,795	( <sup>2</sup> )	( <sup>2</sup> )	1,246	1,177
Conn			440	441	1,474	438			10,345		( <sup>2</sup> )	( <sup>2</sup> )
Fla												
Ga					275	210	447	366	686	1,133	3,233	774
Ill					682	717	311	266			6,149	2,069
Iowa												
Kans												
Kent												
Md	224	241	340	298	863	315						
Mass					657	648	648	598			3,254	3,331
Mich					391	325	544	440	896	864	2,534	2,804
Minn							713	715			1,496	1,829
Mo					755	492	199	223	945	910	843	802
N.J.					493	411	313	226			5,162	4,984
N.Y.					991	823	974	970			( <sup>2</sup> )	( <sup>2</sup> )
N.C.	303	372			1,784	1,858	363	464	131	265	1,426	1,426
Ohio	527	416	177	132	2,706	2,502	1,340	970			709	819
Oreg					2,077	1,643					3,434	709
Pa	1,099	1,213	268	237	465	463	1,687	1,365	( <sup>2</sup> )	( <sup>2</sup> )	2,873	3,434
Tenn									7,151	8,692	2,584	2,856
Tex												
Va												
Wash									981	1,020	442	484
Wis									4,637	4,592	1,778	1,442
Unallocated												
Total	42,594	44,784	6,729	8,457	31,920	26,714	38,910	36,566	16,248	17,144	69,069	79,047
											18,005	20,022
											( <sup>2</sup> )	( <sup>2</sup> )
											1,442	1,442
											2,639	2,639

See footnotes at end of table.



# CHAPTER VI

## STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops. Table 419 shows the seeding rate for a number of specified crops. The State averages are based on surveys made in 1980. The United States average rates are derived by weighting the average for each State by the area planted to the particular crop. Rates are not shown for states where the crop is not estimated currently.

**Table 406.—Hay, all: Area, yield, production, disposition, and value, United States, 1965–79**

Year	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per ton received by farmers	Value of production
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	67,496	1.86	125,610	102,554	23,056	23.20	2,915,468
1966 .....	64,356	1.88	120,930	98,797	22,133	25.00	2,889,799
1967 .....	63,303	1.98	125,134	102,387	22,747	24.50	2,866,364
1968 .....	60,922	2.04	124,244	101,213	23,031	23.60	2,821,800
1969 .....	59,716	2.11	126,026	102,678	23,348	24.70	2,936,788
1970 .....	61,467	2.07	126,969	102,619	24,350	26.10	3,076,382
1971 .....	61,355	2.10	129,132	104,064	25,068	28.10	3,335,209
1972 .....	59,680	2.15	128,565	102,792	25,773	31.30	3,729,522
1973 .....	61,828	2.17	134,217	107,002	27,215	41.60	5,003,991
1974 .....	60,195	2.10	126,384	100,897	25,487	50.90	5,790,715
1975 .....	61,324	2.16	132,210	105,575	26,635	52.20	6,449,148
1976 .....	60,311	1.99	120,006	94,449	25,557	60.30	6,810,799
1977 .....	60,658	2.16	131,313	104,376	26,937	54.00	6,782,482
1978 .....	61,515	2.31	142,209	114,368	27,841	49.80	6,572,593
1979 <sup>1</sup> .....	61,162	2.39	145,878	117,200	28,678	59.70	7,324,470

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 407.—Hay, all: Stocks on farms, United States, 1965–80**

Year	Jan. 1	May 1	Year	Jan. 1	May 1
	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>
1965 .....	79,077	16,568	1973 .....	88,790	24,311
1966 .....	88,609	22,720	1974 .....	93,159	25,353
1967 .....	84,881	21,938	1975 .....	84,687	18,505
1968 .....	83,460	24,929	1976 .....	86,209	25,501
1969 .....	89,687	23,664	1977 .....	77,432	19,505
1970 .....	89,365	24,056	1978 .....	91,480	24,077
1971 .....	87,651	22,200	1979 .....	98,090	29,912
1972 .....	89,445	25,472	1980 <sup>1</sup> .....	106,750	32,936

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 408.—Hay, all: Area, yield, and production, by States, 1977-79

State	Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ala .....	530	650	630	1.80	1.70	1.80	1,008	1,105	1,134
Ariz .....	250	244	242	5.84	5.66	5.77	1,461	1,382	1,397
Ark .....	778	795	813	1.80	1.73	1.91	1,404	1,375	1,552
Calif .....	1,670	1,610	1,560	4.63	4.32	4.68	7,729	6,995	7,295
Colo .....	1,350	1,405	1,440	2.06	2.13	2.23	2,785	2,987	3,216
Conn .....	83	87	84	1.94	2.23	2.08	161	194	175
Del .....	23	22	22	2.04	2.18	2.36	47	48	52
Fla .....	226	235	235	2.00	2.00	2.10	452	470	494
Ga .....	470	475	450	1.60	2.00	2.60	752	950	1,170
Idaho .....	1,366	1,379	1,368	3.26	3.41	3.02	4,459	4,708	4,126
Ill .....	1,230	1,205	1,180	3.01	3.02	3.19	3,708	3,642	3,766
Ind .....	895	875	830	2.66	2.63	2.59	2,384	2,300	2,150
Iowa .....	2,340	2,300	2,210	3.17	3.61	3.74	7,423	8,301	8,271
Kans .....	2,290	2,290	2,260	2.31	2.04	2.53	5,294	4,676	5,716
Ky .....	1,568	1,618	1,594	1.97	1.95	1.97	3,098	3,162	3,134
La .....	375	360	375	1.91	2.01	22.1	715	724	827
Maine .....	214	221	216	1.59	2.10	1.78	340	465	385
Md .....	243	249	240	2.18	2.53	2.53	530	631	606
Mass .....	117	116	116	1.99	2.26	2.40	233	262	278
Mich .....	1,300	1,370	1,330	2.20	2.69	2.88	2,855	3,683	3,833
Minn .....	3,140	3,060	3,010	2.59	2.92	3.00	8,136	8,932	9,030
Miss .....	662	645	660	1.77	1.85	1.95	1,172	1,193	1,287
Mo .....	3,455	3,450	3,420	1.65	1.73	1.77	5,700	5,980	6,070
Mont .....	2,240	2,420	2,380	1.74	1.89	1.80	3,907	4,576	4,291
Nebr .....	3,900	3,800	3,700	1.93	1.98	2.06	7,530	7,538	7,618
Nev .....	420	445	465	2.09	2.16	2.11	879	963	979
N.H .....	89	91	92	2.08	1.99	2.04	185	181	188
N.J .....	120	119	120	2.55	2.61	2.83	306	310	339
N. Mex .....	301	301	310	3.73	3.50	3.74	1,124	1,054	1,158
N.Y .....	2,350	2,475	2,450	1.97	2.14	2.26	4,639	5,297	5,539
N.C .....	350	360	355	1.49	1.70	1.66	521	612	589
N. Dak .....	3,140	3,510	3,570	1.03	1.84	1.62	3,229	6,453	5,780
Ohio .....	1,550	1,520	1,410	2.30	2.59	2.56	3,558	3,934	3,606
Okla .....	1,775	1,740	1,900	1.98	1.85	2.12	3,520	3,222	4,030
Oreg .....	1,080	1,045	1,050	2.37	2.49	2.29	2,437	2,607	2,409
Pa .....	1,915	1,935	1,960	2.03	2.23	2.19	3,889	4,323	4,293
R.I .....	8	8	9	1.88	2.13	2.00	15	17	18
S.C .....	220	222	215	1.80	2.00	2.10	396	444	452
S. Dak .....	4,500	4,600	4,600	1.40	1.88	1.72	6,292	8,625	7,915
Tenn .....	1,225	1,250	1,240	1.49	1.53	1.63	1,820	1,912	2,022
Tex .....	2,250	2,355	2,360	2.08	1.85	2.60	4,676	4,368	6,147
Utah .....	584	594	598	3.15	3.18	3.39	1,842	1,886	2,026
Vt .....	443	443	450	1.63	2.00	1.89	721	885	850
Va .....	932	950	975	1.16	1.73	1.82	1,083	1,640	1,775
W. Va .....	876	876	853	2.78	2.95	2.88	2,432	2,582	2,459
Wis .....	580	595	585	1.43	1.63	1.28	830	970	749
Wis .....	4,040	4,000	4,030	2.97	2.91	3.12	12,002	11,635	12,555
Wyo .....	1,145	1,200	1,200	1.43	1.71	1.77	1,639	2,050	2,127
U.S .....	60,658	61,515	61,162	2.16	2.31	2.39	131,313	142,209	145,878

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 409.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, 1977-79

State	Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ariz .....	210	206	205	6.50	6.30	6.40	1,365	1,298	1,312
Ark .....	68	70	73	2.90	2.55	2.50	197	179	183
Calif .....	1,140	1,090	1,050	5.85	5.45	6.00	6,669	5,941	6,300
Colo .....	710	680	660	2.75	2.90	3.10	1,953	1,972	2,046
Conn .....	20	21	20	2.40	2.60	2.65	48	55	53
Del .....	7	7	8	3.00	3.20	3.25	21	22	26
Idaho .....	1,070	1,080	1,068	3.60	3.75	3.40	3,852	4,050	3,631
Ill .....	770	760	740	3.65	3.65	3.90	2,811	2,774	2,886
Ind .....	420	420	390	3.30	3.20	3.20	1,386	1,344	1,248
Iowa .....	1,750	1,720	1,700	3.50	4.00	4.10	6,125	6,880	6,970
Kans .....	1,010	1,050	1,030	3.15	2.80	3.40	3,182	2,940	3,502
Ky .....	208	208	204	3.10	3.00	3.10	645	624	632
La .....	13	13	13	2.05	2.30	2.35	27	30	31
Maine .....	22	21	21	2.35	2.60	2.50	52	55	53
Md .....	68	69	69	2.90	3.40	3.20	197	235	221
Mass .....	25	26	26	2.30	2.60	2.90	58	68	75
Mich .....	1,000	1,080	1,040	2.45	2.90	3.10	2,450	3,132	3,224
Minn .....	2,200	2,140	2,150	3.10	3.40	3.40	6,820	7,276	7,810
Miss <sup>2</sup> .....	12			2.85			34		
Mo .....	575	550	520	2.65	2.70	2.75	1,524	1,485	1,430
Mont .....	1,170	1,250	1,260	2.15	2.35	2.25	2,516	2,938	2,835
Neb <sup>2</sup> .....	1,700	1,650	1,650	3.20	3.20	3.25	5,440	5,280	5,363
Nev .....	180	185	185	3.35	3.45	3.40	603	638	629
N.H .....	19	19	19	2.75	2.55	2.60	52	48	49
N.J .....	55	55	54	3.30	3.30	3.60	182	182	194
N. Mex .....	231	231	236	4.50	4.20	4.50	1,040	970	1,062
N.Y .....	990	1,025	1,040	2.35	2.55	2.75	2,327	2,614	2,860
N.C .....	16	17	17	2.30	2.70	2.80	37	46	48
N. Dak .....	1,600	1,980	2,070	1.20	2.10	1.85	1,920	4,158	3,830
Ohio .....	600	590	530	3.00	3.20	3.15	1,800	1,888	1,670
Okla .....	400	510	500	3.30	2.70	3.30	1,320	1,377	1,650
Oreg .....	415	415	405	3.50	3.70	3.40	1,453	1,536	1,377
Pa .....	825	840	850	2.60	2.80	2.70	2,145	2,352	2,295
R.I .....	3	3	3	2.30	2.50	2.70	7	8	8
S. Dak .....	2,440	2,500	2,500	1.65	2.40	2.20	4,026	6,000	5,500
Tenn .....	100	105	105	2.45	2.40	2.50	245	252	263
Tex .....	180	205	210	4.70	4.00	4.70	846	820	987
Utah .....	465	470	475	3.50	3.55	3.80	1,628	1,669	1,805
Vt .....	98	93	100	1.90	2.55	2.55	186	237	255
Va .....	82	80	90	1.80	3.10	3.00	148	248	270
Wash .....	503	503	503	3.50	3.80	3.60	1,761	1,911	1,811
W. Va .....	80	90	85	2.25	2.35	1.75	180	212	149
Wis .....	3,100	3,100	3,100	3.25	3.10	3.30	10,075	9,610	10,230
Wyo .....	525	530	545	2.00	2.35	2.40	1,050	1,246	1,308
U.S .....	27,075	27,657	27,519	2.97	3.13	3.18	80,403	86,600	87,581

<sup>1</sup> Preliminary. <sup>2</sup> Beginning 1978 included in "Hay, all other."

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 410.—Hay, all other: Area, yield, and production, by States, 1977-79

State	Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ala .....	630	650	630	1.60	1.70	1.80	1,008	1,105	1,134
Ariz .....	40	38	37	2.40	2.20	2.30	96	84	85
Ark .....	710	725	740	1.70	1.65	1.85	1,207	1,196	1,369
Calif .....	530	520	510	2.00	1.95	1.95	1,060	1,014	995
Colo .....	640	725	780	1.30	1.40	1.50	832	1,015	1,170
Conn .....	63	66	64	1.80	2.10	1.90	113	139	122
Del .....	16	15	14	1.60	1.70	1.85	26	26	26
Fla .....	226	235	235	2.00	2.00	2.10	452	470	484
Ga .....	470	475	450	1.60	2.00	2.60	752	950	1,170
Idaho .....	296	299	300	2.05	2.20	1.65	607	658	495

See footnotes at end of table.

Table 410.—Hay, all other: Area, yield, and production, by States, 1977-79—Continued

State	Area harvested			Yield per harvested acre			Production		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ill.	460	445	440	1.95	1.95	2.00	897	868	880
Ind.	475	455	440	2.10	2.10	2.05	998	956	902
Iowa	590	580	510	2.20	2.45	2.55	1,298	1,421	1,301
Kans.	1,280	1,240	1,230	1.65	1.40	1.80	2,112	1,736	2,214
Ky.	1,360	1,410	1,390	1.80	1.80	1.80	2,448	2,538	2,502
La.	362	347	362	1.90	2.00	2.20	688	694	796
Maine	192	200	195	1.50	2.05	1.70	288	410	332
Md.	175	180	171	1.90	2.20	2.25	333	396	385
Mass.	92	90	90	1.90	2.15	2.25	175	194	203
Mich.	300	290	290	1.35	1.90	2.10	405	551	609
Minn.	940	920	860	1.40	1.80	2.00	1,316	1,656	1,720
Miss. <sup>2</sup>	650	645	660	1.75	1.85	1.95	1,138	1,193	1,287
Mo.	2,880	2,900	2,900	1.45	1.55	1.60	4,176	4,495	4,640
Mont.	1,070	1,170	1,120	1.30	1.40	1.30	1,391	1,638	1,456
Nebr.	2,200	2,150	2,050	.95	1.05	1.10	2,090	2,258	2,255
Nev.	240	260	280	1.15	1.25	1.25	276	325	350
N.H.	70	72	73	1.90	1.85	1.90	132	133	139
N.J.	65	64	66	1.90	2.00	2.20	124	128	145
N. Mex.	70	70	74	1.20	1.20	1.30	84	84	96
N.Y.	1,360	1,450	1,410	1.70	1.85	1.90	2,312	2,683	2,679
N.C.	334	343	338	1.45	1.65	1.60	484	566	541
N. Dak.	1,540	1,530	1,500	.85	1.50	1.30	1,309	2,295	1,950
Ohio	950	930	880	1.85	2.20	2.20	1,758	2,046	1,936
Okla.	1,375	1,230	1,400	1.60	1.50	1.70	2,200	1,845	2,380
Oreg.	615	630	645	1.60	1.70	1.60	984	1,071	1,032
Pa.	1,090	1,095	1,110	1.60	1.80	1.80	1,744	1,971	1,998
R.I.	5	5	6	1.50	1.80	1.70	8	9	10
S.C.	220	222	215	1.80	2.00	2.10	396	444	452
S. Dak.	2,060	2,100	2,100	1.10	1.25	1.15	2,266	2,625	2,415
Tenn.	1,125	1,145	1,135	1.40	1.45	1.55	1,575	1,660	1,759
Tex.	2,070	2,150	2,150	1.85	1.65	2.40	3,830	3,548	5,160
Utah	119	124	123	1.80	1.75	1.80	214	217	221
Vt.	345	350	350	1.55	1.85	1.70	535	648	595
Va.	850	870	885	1.10	1.60	1.70	935	1,392	1,505
Wash.	373	373	350	1.80	1.80	1.85	671	671	648
W. Va.	500	505	500	1.30	1.50	1.20	650	758	600
Wis.	940	900	930	2.05	2.25	2.50	1,927	2,025	2,325
Wyo.	620	670	655	.95	1.20	1.25	589	804	819
U.S.	33,583	33,858	33,643	1.52	1.64	1.73	50,910	55,609	58,297

<sup>1</sup>Preliminary. <sup>2</sup>Beginning 1978 includes alfalfa and alfalfa mixtures.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 411.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1965-79

Year beginning May	Farm carryover May 1	Production	Total supply	Disappearance	Roughage-consuming animal units	Supply per animal unit	Disappearance per animal unit	Price received per ton
	Million tons	Million tons	Million tons	Million tons	Million units	Tons	Tons	Dollars
1965	16.6	125.6	142.2	119.5	88.9	1.60	1.34	.....
1966	22.7	120.9	143.6	121.7	88.2	1.63	1.38	.....
1967	21.9	125.1	147.0	122.1	88.1	1.67	1.39	.....
1968	24.9	124.2	149.1	125.4	87.5	1.70	1.43	.....
1969	23.7	126.0	149.7	125.6	88.0	1.70	1.43	.....
1970	24.1	127.0	151.1	128.9	89.9	1.68	1.43	.....
1971	22.2	129.1	151.3	125.8	91.1	1.66	1.38	.....
1972	25.5	128.6	154.1	129.8	93.2	1.65	1.39	31.30
1973	24.3	134.2	158.5	133.0	99.5	1.59	1.34	41.60
1974	25.4	126.4	151.8	133.3	103.8	1.46	1.29	50.90
1975	18.5	132.2	150.7	125.2	99.0	1.52	1.26	52.20
1976	25.5	120.0	145.5	126.0	95.8	1.52	1.32	60.30
1977	19.5	131.3	150.8	126.7	91.1	1.66	1.79	54.00
1978	24.1	142.2	166.3	136.4	87.5	1.90	1.58	49.80
1979 <sup>1</sup>	29.9	145.9	175.8	142.9	85.8	2.05	1.58	59.70

<sup>1</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 412.—Hay, all: Production, disposition, and value, by States, crop of 1979 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per ton, baled	Value of—	
					Production	Sales
	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 dollars
Ala .....	1,134	987	147	55.00	62,370	8,085
Ariz .....	1,397	210	1,187	82.00	114,554	97,334
Ark .....	1,552	1,327	225	43.00	66,736	9,675
Calif .....	7,295	1,824	5,471	87.00	634,665	475,977
Colo .....	3,216	1,897	1,319	53.50	172,056	70,567
Conn .....	175	152	23	73.00	12,775	1,679
Del .....	52	42	10	60.00	3,120	600
Fla .....	494	370	124	58.50	28,899	7,254
Ga .....	1,170	983	187	52.50	61,425	9,818
Idaho .....	4,126	2,806	1,320	58.00	239,308	76,560
Ill .....	3,766	3,371	395	54.50	205,247	21,528
Ind .....	2,150	1,892	258	53.50	115,025	13,803
Iowa .....	8,271	7,576	695	46.00	380,466	31,970
Kans .....	5,716	4,344	1,372	48.50	277,226	66,542
Ky .....	3,134	2,890	244	50.50	158,267	12,322
La .....	827	728	99	46.00	38,042	4,554
Maine .....	385	341	44	59.00	22,715	2,596
Md .....	606	533	73	60.00	36,360	4,380
Mass .....	278	246	32	72.00	20,016	2,304
Mich .....	3,833	3,105	728	36.00	137,988	26,208
Minn .....	9,030	8,037	993	39.50	356,685	39,224
Miss .....	1,287	1,120	167	45.00	57,915	7,515
Mo .....	6,070	5,342	728	49.00	297,430	35,672
Mont .....	4,291	3,712	579	54.50	233,860	31,556
Nebr .....	7,618	6,323	1,295	41.50	316,147	53,743
Nev .....	979	646	333	82.00	80,278	27,306
N.H .....	188	166	22	71.00	13,348	1,562
N.J .....	339	203	136	62.00	21,018	8,432
N. Mex .....	1,158	463	695	69.00	79,902	47,955
N.Y .....	5,539	4,985	554	52.50	290,798	29,085
N.C .....	589	512	77	59.00	34,751	4,543
N. Dak .....	5,780	5,318	462	38.00	219,640	17,556
Ohio .....	3,606	2,813	793	53.50	192,921	42,426
Okla .....	4,030	3,184	846	55.50	223,665	46,953
Oreg .....	2,409	1,734	675	64.00	154,176	43,200
Pa .....	4,293	3,499	794	55.00	236,115	43,670
R.I .....	18	15	3	73.00	1,314	219
S.C .....	452	402	50	53.50	24,182	2,675
S. Dak .....	7,915	7,092	823	35.00	277,025	28,805
Tenn .....	2,022	1,870	152	51.00	103,122	7,752
Tex .....	6,147	4,795	1,352	53.50	328,865	72,332
Utah .....	2,026	1,418	608	56.50	114,469	34,352
Vt .....	850	795	55	63.00	53,550	3,465
Va .....	1,775	1,606	169	56.00	99,400	9,464
Wash .....	2,459	1,303	1,156	71.00	174,589	32,076
W. Va .....	749	689	60	50.00	37,450	3,000
Wis .....	12,555	11,726	829	31.50	395,483	26,114
Wyo .....	2,127	1,808	319	56.00	119,112	1,864
U.S .....	145,878	117,200	28,678	59.70	7,324,470	1,712,272

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 413.—Hay: Area and production, by kinds, United States, 1965-79

Year	Alfalfa	Clover and timothy	Lespedeza	Soybean	Cowpea	Peanutvine	Grains cut green for hay	Wild hay	Other hay	All other hay	All hay
Area harvested											
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1965	29,705	13,023	2,338	(1)	(1)	450	2,738	10,057	9,185	.....	67,496
1966	28,950	12,883	1,730	.....	.....	407	2,793	9,035	8,558	.....	64,356
1967	27,997	12,759	1,590	.....	.....	330	2,289	9,422	8,916	.....	63,303
1968	26,964	12,685	1,375	.....	.....	311	2,480	8,564	8,543	.....	60,922
1969	26,634	12,538	1,178	.....	.....	337	2,693	8,314	8,022	33,082	59,716
1970	27,276	12,913	1,098	.....	.....	312	2,762	8,549	8,656	34,191	61,457
1971	27,599	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	33,756	61,355
1972	27,187	.....	.....	.....	.....	.....	.....	.....	.....	32,493	59,680
1973	27,826	.....	.....	.....	.....	.....	.....	.....	.....	34,002	61,828
1974	26,877	.....	.....	.....	.....	.....	.....	.....	.....	33,318	60,195
1975	27,271	.....	.....	.....	.....	.....	.....	.....	.....	34,053	61,324
1976	26,651	.....	.....	.....	.....	.....	.....	.....	.....	33,660	60,311
1977	27,075	.....	.....	.....	.....	.....	.....	.....	.....	33,583	60,658
1978	27,657	.....	.....	.....	.....	.....	.....	.....	.....	33,858	61,515
1979 <sup>3</sup>	27,519	.....	.....	.....	.....	.....	.....	.....	.....	33,643	61,162
Production											
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1965	74,854	20,086	3,051	(1)	(1)	316	3,883	9,600	13,820	.....	125,610
1966	73,073	20,895	2,192	.....	.....	285	3,603	7,867	13,015	.....	120,930
1967	74,260	22,132	2,400	.....	.....	236	3,305	9,084	13,767	.....	125,134
1968	73,632	22,837	1,937	.....	.....	226	3,529	7,928	14,155	.....	124,244
1969	75,883	22,933	1,706	.....	.....	236	3,943	8,238	13,087	50,143	126,026
1970	75,573	23,403	1,615	.....	.....	237	3,920	8,161	14,188	51,396	126,969
1971	77,285	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	51,847	129,132
1972	78,226	.....	.....	.....	.....	.....	.....	.....	.....	50,339	128,565
1973	78,805	.....	.....	.....	.....	.....	.....	.....	.....	55,412	134,217
1974	74,368	.....	.....	.....	.....	.....	.....	.....	.....	52,016	126,384
1975	77,979	.....	.....	.....	.....	.....	.....	.....	.....	54,231	132,210
1976	69,828	.....	.....	.....	.....	.....	.....	.....	.....	50,178	120,006
1977	80,403	.....	.....	.....	.....	.....	.....	.....	.....	50,910	131,313
1978	86,600	.....	.....	.....	.....	.....	.....	.....	.....	55,609	142,209
1979 <sup>3</sup>	87,581	.....	.....	.....	.....	.....	.....	.....	.....	58,297	145,878

<sup>1</sup>Included in "Other hay" from 1965 through 1970. <sup>2</sup>Not estimated separately; included in "All other hay." <sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 414.—Pasture and range: Condition,<sup>1</sup> first of month, United States, 1965-79

Year	April <sup>2,3</sup>	May	June	July	August	September	October	November	December <sup>2</sup>
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1965	73	79	81	84	79	78	83	82	.....
1966	79	81	82	78	68	77	78	76	.....
1967	74	79	77	85	84	79	79	79	.....
1968	77	83	85	86	82	81	82	81	.....
1969	77	86	89	85	83	77	78	78	.....
1970	79	84	85	86	76	73	80	81	.....
1971	70	75	80	80	77	77	80	83	.....
1972	{ 478 580 }	78	84	82	81	81	80	81	5 80
1973	{ 486 586 }	87	87	87	83	78	82	83	5 81
1974	{ 479 579 }	81	84	82	66	71	75	70	5 71
1975	{ 477 575 }	76	86	88	80	76	80	77	5 74
1976	{ 473 574 }	79	77	75	70	61	63	66	5 64
1977	{ 468 566 }	76	74	68	64	71	76	75	5 72
1978	{ 468 571 }	75	85	85	77	75	77	73	5 70
1979	{ 475 577 }	84	87	86	84	86	81	77	5 74

See footnotes on page 279.

Table 415.—Pasture and range: Condition,<sup>1</sup> June 1 and Sept. 1, by States, average 1968–77, annual 1978 and 1979

State	Condition June 1			Condition Sept. 1			State	Condition June 1			Condition Sept. 1		
	Average 1968–77	1978	1979	Average 1968–77	1978	1979		Average 1968–77	1978	1979	Average 1968–77	1978	1979
	Percent	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent	Percent
Ala .....	82	87	85	79	81	88	Nev .....	80	87	89	77	86	82
Ariz .....	73	100	93	74	67	77	N.H .....	90	90	96	79	84	85
Ark .....	85	91	91	73	54	90	N.J .....	87	89	93	76	86	86
Calif .....	71	100	91	69	92	88	N. Mex .....	71	70	87	76	70	88
Colo .....	76	79	86	73	61	88	N.Y .....	89	85	92	81	74	72
Conn .....	89	86	96	76	88	72	N.C .....	88	91	93	80	87	82
Del .....	88	91	93	74	88	95	N. Dak .....	77	90	79	68	87	72
Fla .....	72	75	86	84	88	84	Ohio .....	88	87	90	85	84	97
Ga .....	81	83	87	78	78	82	Okla .....	85	86	88	73	53	87
Idaho .....	82	87	97	81	85	72	Oreg .....	81	99	92	77	97	75
Ill .....	90	90	90	80	73	89	Pa .....	90	89	93	81	82	85
Ind .....	90	90	91	85	84	96	R.I .....	93	85	92	78	94	92
Iowa .....	89	90	91	77	82	89	S.C .....	82	85	91	76	80	76
Kans .....	87	90	88	73	59	88	S. Dak .....	80	91	78	63	89	88
Ky .....	91	88	90	88	89	96	Tenn .....	89	89	94	78	81	93
La .....	80	78	80	80	70	87	Tex .....	79	55	83	70	44	85
Maine .....	89	89	97	80	56	86	Utah .....	77	92	88	76	68	75
Md .....	86	86	92	78	85	92	Vt .....	88	89	94	78	77	77
Mass .....	91	90	96	76	86	85	Va .....	88	93	97	83	94	93
Mich .....	86	92	88	76	75	89	Wash .....	83	94	82	75	92	70
Minn .....	83	89	82	68	87	92	W. Va .....	83	86	91	85	92	94
Miss .....	85	86	88	79	75	91	Wis .....	87	92	87	70	90	91
Mo .....	88	90	90	67	75	84	Wyo .....	84	96	82	80	92	79
Mont .....	82	95	83	79	97	69	U.S .....	83	85	87	75	75	86
Nebr .....	86	89	85	69	80	87							

<sup>1</sup>Numerical equivalent of condition: 80 and over, good to excellent; 65–79, poor to fair; 50–64, very poor; 35–49, severe drought; and under 35, extreme drought.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 416.—Field seeds: Production of clean seed, United States, 1965–79

Year	White clover	Ladino clover	Red-top	Orchard-grass <sup>1</sup>	Kentucky blue grass <sup>2</sup>	Sudan-grass	Smooth brome-grass	Crested wheat-grass	Chewings fescue	Red fescue	Tall fescue	Bent-grass
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 .....	4,026	4,930	(3)	13,490	22,833	(3)	(3)	(3)	6,290	6,014	56,564	7,746
1966 .....	3,640	4,205	.....	10,010	30,247	.....	.....	.....	7,175	6,918	79,596	8,463
1967 .....	2,164	3,600	.....	6,880	34,651	.....	.....	.....	7,350	8,893	49,730	7,968
1968 .....	840	3,688	.....	6,510	33,924	.....	.....	.....	5,760	6,578	55,832	6,516
1969 .....	2,098	4,950	.....	8,060	33,709	.....	.....	.....	7,425	6,348	64,833	5,733
1970 .....	2,410	4,760	.....	8,673	36,519	.....	.....	.....	7,260	6,150	83,065	7,473
1971 .....	4,800	4,950	.....	8,273	48,643	.....	.....	.....	8,670	7,800	91,462	10,193
1972 .....	(3)	3,875	.....	19,270	46,622	.....	.....	.....	6,765	6,380	88,995	9,632
1973 .....	.....	3,120	.....	20,379	35,859	.....	.....	.....	7,700	7,250	131,970	9,585
1974 .....	.....	3,285	.....	15,942	55,603	.....	.....	.....	6,825	7,750	103,860	9,230
1975 .....	.....	4,290	.....	14,205	36,578	.....	.....	.....	5,750	6,720	123,120	7,790
1976 .....	.....	3,422	.....	12,060	34,834	.....	.....	.....	5,415	6,630	85,310	6,650
1977 .....	.....	3,300	.....	10,348	19,766	.....	.....	.....	5,500	6,000	107,670	6,800
1978 .....	.....	3,562	.....	13,590	44,966	.....	.....	.....	5,400	6,500	171,560	4,140
1979 .....	.....	3,438	.....	15,565	36,570	.....	.....	.....	7,200	5,200	96,490	4,500

<sup>1</sup>Does not include Oregon prior to 1972.

<sup>2</sup>Other than Merion, prior to 1976.

<sup>3</sup>Estimates discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 417.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1965-79

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
Alfalfa seed												
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 ..	607,000	198	119,977	33.00	39,383	11,666	35,454	47,120	63	167,160	131,869	15,686
1966 ..	572,800	204	117,054	35.60	41,445	7,599	27,692	35,291	114	152,459	118,247	17,701
1967 ..	463,200	243	112,637	41.10	46,200	5,220	28,992	34,212	1,077	147,926	112,301	10,964
1968 ..	537,000	215	115,225	37.90	43,603	5,548	30,077	35,625	680	151,530	114,100	12,244
1969 ..	485,200	211	102,518	37.40	38,279	4,852	32,578	37,430	165	140,113	113,820	16,610
1970 ..	624,600	221	137,977	35.50	48,732	4,134	22,159	26,293	54	164,324	122,463	20,969
1971 ..	495,900	239	118,747	35.00	41,345	9,464	32,397	41,861	72	160,680	125,391	17,830
1972 ..	374,100	282	105,465	43.60	45,818	6,084	29,205	35,289	270	141,024	115,515	17,655
1973 ..	412,500	248	102,408	86.40	88,372	3,895	21,614	25,509	191	128,108	100,103	17,239
1974 ..	456,000	244	111,300	83.70	92,534	2,155	25,850	28,005	229	139,534	86,383	13,403
1975 ..	342,000	267	91,405	68.60	62,284	14,995	38,156	53,151	111	144,667	109,219	16,660
1976 ..	350,000	231	80,748	102.00	81,850	7,852	27,596	35,448	160	116,856	90,328	11,032
1977 ..	408,500	238	97,105	108.00	104,421	3,908	22,120	26,028	777	123,910	95,642	16,804
1978 ..	529,000	173	91,615	117.00	105,935	4,308	23,960	28,268	189	120,072	86,348	12,339
1979 ..	496,000	201	99,925	114.00	112,852	5,084	28,640	33,724	.....	.....	.....	.....
Red clover seed												
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 ..	645,800	100	64,765	23.20	14,761	17,166	16,136	33,302	1,084	99,151	68,167	4,334
1966 ..	672,100	94	63,183	22.90	14,333	14,204	16,780	30,984	3,082	97,249	64,835	2,232
1967 ..	477,000	92	43,787	27.00	11,889	15,628	16,786	32,414	6,353	82,554	62,277	2,112
1968 ..	457,500	83	37,920	30.70	11,473	8,325	11,952	20,277	9,891	68,088	53,111	699
1969 ..	403,000	101	40,592	35.60	14,317	6,846	8,131	14,977	7,391	62,960	47,162	1,383
1970 ..	445,300	103	46,084	31.70	14,359	5,310	10,488	15,798	5,104	66,986	48,258	1,542
1971 ..	377,600	107	40,478	27.50	11,014	6,403	12,325	18,728	5,605	64,811	45,791	1,250
1972 ..	261,800	96	25,118	40.70	9,995	8,135	10,885	19,020	6,128	50,266	36,982	1,160
1973 ..	332,000	92	30,455	61.90	18,393	5,263	8,021	13,284	3,684	47,423	36,791	1,665
1974 ..	318,900	98	31,257	58.40	17,829	4,630	6,002	10,632	5,451	47,340	37,268	575
1975 ..	339,300	107	36,414	49.50	17,886	5,324	4,748	10,072	5,041	51,527	38,976	813
1976 ..	347,600	102	35,291	63.20	21,714	6,244	6,307	12,551	3,373	51,215	36,812	3,155
1977 ..	244,100	102	24,877	73.50	17,642	6,203	8,200	14,403	3,514	42,794	31,337	2,037
1978 ..	298,500	112	33,306	68.00	21,976	4,837	6,620	11,457	4,369	49,132	32,796	1,316
1979 ..	247,100	110	27,198	62.30	16,688	6,176	10,160	16,336	.....	.....	.....	.....
Ladino clover seed												
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 ..	14,500	340	4,930	45.50	2,243	.....	2,540	2,540	.....	7,470	5,547	3,259
1966 ..	14,500	290	4,205	50.00	2,103	.....	1,923	1,923	.....	6,128	4,273	3,373
1967 ..	12,000	300	3,600	62.50	2,250	.....	1,855	1,855	1	5,456	3,646	2,108
1968 ..	12,500	295	3,688	71.00	2,618	.....	1,810	1,810	2	5,500	4,485	2,706
1969 ..	16,500	300	4,950	70.00	3,465	.....	1,015	1,015	1	5,966	4,551	2,346
1970 ..	17,000	280	4,760	68.50	3,261	0	1,415	1,415	2	6,177	4,848	3,254
1971 ..	18,000	275	4,950	64.00	3,168	48	1,281	1,329	10	6,289	4,414	2,491
1972 ..	15,500	250	3,875	62.50	2,422	0	1,875	1,875	5	5,755	4,312	3,329
1973 ..	12,000	260	3,120	100.00	3,120	0	1,443	1,443	10	4,573	3,319	3,485
1974 ..	9,000	365	3,285	160.00	5,256	0	1,254	1,254	12	4,551	2,905	1,086
1975 ..	11,000	390	4,290	107.00	4,590	0	1,646	1,646	3	5,939	4,183	1,579
1976 ..	11,600	295	3,422	130.00	4,449	40	1,716	1,756	180	5,358	3,478	2,703
1977 ..	12,000	275	3,300	120.00	3,960	0	1,880	1,880	10	5,190	3,460	2,110
1978 ..	13,700	260	3,562	138.00	4,916	0	1,730	1,730	0	5,292	3,202	1,631
1979 ..	12,500	275	3,438	136.00	4,676	0	2,090	2,090	.....	.....	.....	.....

See footnotes at end of table.

Table 417.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1965-79—Continued

Year	Area har- vested	Yield per acre	Produc- tion (clean seed)	Season average price per 100 lb.	Value of pro- duction	Carryover June 30			Imports	Total supply	Total disap- pearance	Exports
						Farm	Dealer	Total				
Crimson clover seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1965 ..	34,800	239	8,310	18.70	1,566	531	3,069	3,600	.....	11,910	9,958	.....
1966 ..	34,900	235	8,214	20.60	1,713	460	1,492	1,925	.....	10,166	9,754	.....
1967 ..	28,400	279	7,912	21.90	1,738	113	299	412	.....	8,324	7,224	.....
1968 ..	26,400	266	7,031	22.80	1,612	75	1,025	1,100	2	8,133	6,269	.....
1969 ..	24,500	303	7,431	22.50	1,679	77	1,787	1,864	1	9,296	6,351	.....
1970 ..	26,700	337	8,992	13.10	1,192	411	2,534	2,945	0	11,937	6,495	.....
1971 ..	16,700	224	3,742	15.40	577	1,885	3,557	5,442	1	9,185	6,462	.....
1972 ..	11,300	241	2,718	20.80	564	449	2,274	2,723	11	5,452	4,756	.....
1973 ..	8,600	320	2,754	35.90	989	71	625	696	2	3,452	3,000	.....
1974 ..	7,100	253	1,796	57.80	1,038	23	429	452	1	2,249	2,047	.....
1975 ..	6,700	335	2,247	59.80	1,344	57	145	202	200	2,649	2,002	.....
1976 ..	11,500	320	3,680	35.50	1,306	10	637	647	2	4,329	3,142	.....
1977 ..	11,500	330	3,795	32.00	1,214	37	1,150	1,187	3	4,985	3,627	.....
1978 ..	10,500	300	3,150	49.00	1,544	38	1,320	1,358	118	4,626	3,717	.....
1979 ..	10,000	460	4,600	50.00	2,300	189	720	909	.....	.....	.....	.....
Lespedeza seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1965 ..	301,500	226	68,232	11.70	8,062	2,196	2,185	4,381	.....	72,613	64,315	.....
1966 ..	239,500	218	52,230	14.40	7,520	2,460	5,838	8,298	.....	60,528	52,486	.....
1967 ..	196,200	196	38,512	15.20	5,867	2,608	5,434	8,042	.....	46,554	43,297	.....
1968 ..	172,000	224	38,500	16.40	6,337	1,670	1,587	3,257	.....	41,757	37,878	.....
1969 ..	183,300	257	47,017	15.30	7,149	1,060	2,819	3,879	.....	50,896	38,351	.....
1970 ..	165,500	229	37,830	13.90	5,219	2,538	10,007	12,545	.....	50,375	39,726	.....
1971 ..	130,700	194	25,323	15.40	3,775	1,995	8,654	10,649	.....	35,972	30,550	.....
1972 ..	78,000	192	14,985	22.30	3,345	1,040	4,382	5,422	.....	20,407	17,760	.....
1973 ..	74,300	208	15,436	37.20	5,715	756	1,871	2,647	.....	18,083	14,454	.....
1974 ..	58,500	189	11,038	36.10	4,023	489	3,140	3,629	.....	14,667	12,196	.....
1975 ..	68,600	219	15,012	31.40	4,739	696	1,775	2,471	.....	17,483	15,505	.....
1976 ..	57,400	190	10,912	44.00	4,792	479	1,499	1,978	.....	12,890	10,560	.....
1977 ..	56,600	206	11,670	69.80	8,030	490	1,840	2,330	.....	14,000	11,138	.....
1978 ..	50,100	213	10,671	46.00	4,847	552	2,310	2,862	.....	13,533	9,328	.....
1979 ..	57,100	219	12,517	36.70	4,416	765	3,440	4,205	.....	.....	.....	.....
Timothy seed												
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1965 ..	194,500	169	32,792	14.50	4,770	1,100	5,540	6,640	328	39,760	29,442	6,349
1966 ..	215,300	159	34,160	9.00	3,102	1,326	8,992	10,318	2,888	47,366	28,720	1,489
1967 ..	174,600	157	27,484	5.83	1,595	4,263	14,383	18,646	252	46,382	26,824	3,273
1968 ..	125,300	152	19,078	8.65	1,653	4,774	14,784	19,558	423	39,059	26,507	1,563
1969 ..	155,000	177	27,503	8.41	2,321	2,273	10,279	12,552	70	40,125	25,830	5,611
1970 ..	142,000	178	25,283	7.10	1,794	2,601	11,694	14,295	259	39,837	26,813	6,692
1971 ..	136,700	207	28,250	8.05	2,267	2,922	10,102	13,024	55	41,329	32,741	6,645
1972 ..	110,500	190	20,953	15.60	3,259	1,718	6,870	8,588	619	30,160	26,707	8,254
1973 ..	147,500	161	23,728	31.80	7,439	860	2,593	3,453	998	28,179	20,094	4,055
1974 ..	134,600	171	23,038	21.30	4,826	1,347	6,738	8,085	709	31,832	19,625	3,289
1975 ..	78,400	185	14,488	14.80	2,080	2,639	9,568	12,207	552	27,247	17,378	5,222
1976 ..	73,000	173	12,633	27.50	3,429	4,313	5,556	9,869	790	23,292	18,037	8,153
1977 ..	65,100	187	12,149	50.60	6,132	1,335	3,920	5,255	1,440	18,844	16,957	4,178
1978 ..	78,500	211	16,540	43.50	7,116	627	1,260	1,887	837	19,264	14,510	4,967
1979 ..	73,500	229	16,830	34.30	5,774	774	3,980	4,754	.....	.....	.....	.....

See footnotes at end of table.



Table 417.—Field seeds, by kinds: Area, yield, production, value and supply and disappearance, United States, 1965-79—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
	Orchardgrass seed											
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
	1965 ..	55,000	245	13,490	15.50	2,094	500	4,549	5,049	3,788	22,327	17,020
	1966 ..	43,000	233	10,010	15.00	1,501	363	4,944	5,307	5,821	21,138	14,697
	1967 ..	31,000	222	6,880	15.30	1,051	397	6,044	6,441	6,859	20,180	15,016
	1968 ..	32,000	203	6,510	19.50	1,275	240	4,924	5,164	8,196	19,870	14,204
	1969 ..	34,500	234	8,060	19.60	1,588	216	5,450	5,666	4,918	18,644	12,798
	1970 ..	36,500	238	8,673	20.20	1,751	259	5,587	5,846	1,670	16,189	9,943
	1971 ..	32,500	255	8,273	19.20	1,587	282	5,964	6,246	1,724	16,243	9,136
	1972 ..	46,000	419	19,270	23.30	4,481	268	6,839	7,107	1,453	27,830	19,928
	1973 ..	44,800	455	20,379	33.90	6,900	748	7,154	7,902	101	28,382	18,831
	1974 ..	37,400	426	15,942	32.10	5,119	947	8,604	9,551	83	25,576	15,641
	1975 ..	28,000	507	14,205	26.10	3,710	1,922	8,013	9,935	145	24,285	15,001
	1976 ..	25,500	473	12,060	30.10	3,635	654	8,630	9,284	1,227	22,571	14,736
1977 ..	22,300	464	10,348	33.00	3,417	1,025	7,170	8,195	482	19,025	14,237	
1978 ..	25,200	539	13,590	40.00	5,432	238	4,550	4,788	284	18,662	15,557	
1979 ..	25,000	623	15,565	44.30	6,892	105	3,000	3,105	.....	.....	.....	
	Chewings fescue seed											
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
	1965 ..	17,000	370	6,290	42.50	2,673	40	1,801	1,841	0	8,131	5,627
	1966 ..	17,500	410	7,175	25.50	1,830	126	2,378	2,504	29	9,708	6,679
	1967 ..	17,500	420	7,350	19.50	1,433	789	2,240	3,029	6	10,385	7,159
	1968 ..	16,000	360	5,760	22.00	1,267	514	2,712	3,226	4	8,990	7,413
	1969 ..	16,500	450	7,425	24.00	1,782	403	1,174	1,577	28	9,030	6,754
	1970 ..	16,500	440	7,260	33.00	2,396	371	1,905	2,276	76	9,612	6,564
	1971 ..	17,000	510	8,670	28.00	2,428	218	2,830	3,048	10	11,728	8,815
	1972 ..	16,500	410	6,765	33.00	2,232	434	2,479	2,913	60	9,738	7,511
	1973 ..	14,000	550	7,700	52.00	4,004	68	2,159	2,227	6	9,933	6,875
	1974 ..	13,000	525	6,825	31.00	2,116	693	2,365	3,058	43	9,926	5,928
	1975 ..	11,500	500	5,750	26.00	1,495	1,820	2,178	3,998	9	9,757	7,278
	1976 ..	9,500	570	5,415	43.00	2,328	460	2,019	2,479	13	7,907	6,129
1977 ..	10,000	550	5,500	52.00	2,860	108	1,670	1,778	25	7,303	5,833	
1978 ..	12,000	450	5,400	59.00	3,186	330	1,140	1,470	18	6,888	5,913	
1979 ..	12,000	600	7,200	72.00	5,184	165	810	975	.....	.....	.....	
	Red fescue seed											
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
	1965 ..	13,530	444	6,014	41.90	2,518	52	2,649	2,701	14,436	23,151	16,220
	1966 ..	15,250	454	6,918	25.30	1,752	114	6,817	6,931	9,701	23,550	17,034
	1967 ..	16,700	533	8,893	18.90	1,683	607	5,909	6,516	10,423	25,832	18,599
	1968 ..	15,500	424	6,578	20.90	1,377	474	6,759	7,233	16,387	30,198	21,834
	1969 ..	14,200	447	6,348	25.00	1,585	646	7,718	8,364	14,476	29,188	21,983
	1970 ..	15,000	410	6,150	31.50	1,937	189	7,016	7,205	16,683	30,038	23,509
	1971 ..	15,000	520	7,800	29.00	2,262	123	6,406	6,529	11,928	26,257	20,995
	1972 ..	14,500	440	6,380	34.00	2,169	0	5,262	5,262	10,999	22,641	19,167
	1973 ..	14,500	500	7,250	61.00	4,423	64	3,410	3,474	15,318	26,042	19,331
	1974 ..	15,500	500	7,750	30.00	2,325	362	6,349	6,711	10,549	25,010	17,072
	1975 ..	14,000	480	6,720	25.00	1,680	1,938	6,000	7,938	13,369	28,027	22,031
	1976 ..	13,000	510	6,630	42.00	2,785	605	5,391	5,996	22,369	34,995	24,733
1977 ..	12,000	500	6,000	52.00	3,120	862	9,400	10,262	19,375	35,637	27,887	
1978 ..	12,500	520	6,500	57.00	3,705	600	7,150	7,750	12,091	26,341	20,391	
1979 ..	10,000	520	5,200	74.00	3,848	650	5,300	5,950	.....	.....	.....	

See footnotes at end of table.

Table 417.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1965-79—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
Tall (Alta & Ky. 31) fescue seed												
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 ..	243,100	233	56,564	9.38	5,315	4,208	10,299	14,507	0	71,071	57,565	.....
1966 ..	308,700	258	79,593	8.32	6,640	2,849	10,657	13,506	1	93,100	67,016	.....
1967 ..	203,600	244	49,739	8.58	4,278	7,652	18,432	26,084	0	75,823	64,154	.....
1968 ..	227,900	245	55,832	10.50	5,845	2,197	9,472	11,669	1	67,502	60,967	.....
1969 ..	255,800	253	64,833	14.30	9,263	1,505	5,030	6,535	2	71,370	55,642	.....
1970 ..	321,100	259	83,065	9.00	7,481	2,163	13,565	15,728	21	98,814	79,608	.....
1971 ..	297,700	307	91,462	9.10	8,341	6,386	12,820	19,206	0	110,668	98,485	.....
1972 ..	315,000	283	88,995	12.30	11,002	2,857	9,326	12,183	49	101,227	90,400	.....
1973 ..	452,000	292	131,970	17.10	22,574	1,397	9,430	10,827	176	142,973	112,908	.....
1974 ..	409,000	254	103,860	14.10	14,724	6,397	23,668	30,065	10	133,935	106,579	.....
1975 ..	451,500	273	123,120	13.60	16,796	9,151	18,205	27,356	4	150,480	118,341	.....
1976 ..	370,500	230	85,310	20.00	17,069	7,119	25,020	32,139	6	117,455	105,990	.....
1977 ..	459,500	234	107,670	23.00	24,761	1,615	9,850	11,465	4	119,139	106,242	2,092
1978 ..	566,000	303	171,560	12.10	20,832	2,007	10,890	12,897	52	184,509	132,934	6,501
1979 ..	341,000	283	96,490	21.80	21,007	21,335	30,240	51,575	.....	.....	.....	.....
Bentgrass seed												
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 ..	32,600	238	7,746	41.90	3,246	209	2,717	2,926	3	10,680	7,260	6,049
1966 ..	31,600	268	8,463	25.90	2,187	784	2,636	3,420	9	11,892	9,085	8,089
1967 ..	30,250	264	7,978	35.10	2,800	857	1,950	2,807	5	10,790	8,000	.....
1968 ..	26,150	249	6,516	36.60	2,382	835	1,955	2,790	110	9,416	7,219	6,278
1969 ..	26,120	219	5,733	50.20	2,876	455	1,742	2,197	197	8,127	6,690	6,950
1970 ..	26,230	285	7,473	47.60	3,555	114	1,323	1,437	20	8,930	7,211	7,501
1971 ..	27,260	374	10,193	49.40	5,031	223	1,496	1,719	63	11,975	9,599	9,144
1972 ..	28,330	340	9,632	42.40	4,082	113	2,263	2,376	11	12,019	9,248	9,676
1973 ..	27,000	355	9,585	54.00	5,176	327	2,444	2,771	92	12,448	9,103	8,710
1974 ..	26,000	355	9,230	40.00	3,692	742	2,603	3,345	41	12,616	8,491	8,175
1975 ..	20,500	380	7,790	44.00	3,428	2,125	2,000	4,125	60	11,975	8,697	8,425
1976 ..	19,000	350	6,650	79.00	5,254	1,558	1,720	3,278	53	9,981	7,566	7,366
1977 ..	17,000	400	6,800	88.00	5,984	865	1,550	2,415	20	9,235	8,217	6,431
1978 ..	18,000	230	4,140	125.00	5,175	68	950	1,018	17	5,175	4,471	4,301
1979 ..	18,000	250	4,500	190.00	8,550	124	580	704	.....	.....	.....	.....
Hairy vetch seed												
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 ..	91,000	131	11,960	14.30	1,687	823	1,523	2,346	0	14,306	12,659	.....
1966 ..	90,000	216	19,480	11.80	2,301	404	1,243	1,647	8	21,135	14,153	.....
1967 ..	73,500	189	13,862	8.44	1,170	959	6,023	6,982	0	20,844	15,122	.....
1968 ..	55,500	163	9,020	11.20	991	708	5,014	5,722	1,164	15,906	12,920	.....
1969 ..	55,200	178	9,799	14.70	1,400	650	2,336	2,986	1,153	13,938	11,431	.....
1970 ..	51,600	204	10,508	12.50	1,335	580	1,927	2,507	5	13,020	9,213	.....
1971 ..	46,400	226	10,487	12.20	1,284	544	3,263	3,807	5	14,299	9,440	.....
1972 ..	46,400	159	7,390	11.30	837	1,335	3,524	4,859	2	12,251	9,024	.....
1973 ..	33,000	182	6,005	13.60	816	637	2,590	3,227	4	9,236	5,178	.....
1974 ..	24,500	176	4,310	19.05	821	430	3,628	4,058	111	8,479	7,694	.....
1975 ..	28,400	243	6,889	24.00	1,656	82	703	785	0	7,674	4,538	.....
1976 ..	27,000	254	6,855	25.10	1,723	448	2,688	3,136	3	9,994	8,786	.....
1977 ..	30,500	270	8,235	27.10	2,234	148	1,060	1,208	2	9,445	8,547	.....
1978 <sup>1</sup> ..	8,000	450	3,600	32.00	1,152	48	850	898	2	4,500	3,040	.....
1979 <sup>1</sup> ..	10,000	500	5,000	38.00	1,900	0	1,460	1,460	.....	.....	.....	.....

See footnotes at end of table.

Table 417.—Field seeds, by kinds: Area, yield, production, value and supply and disappearance, United States, 1965-79—Continued

Year	Area harvested	Yield per acre	Production (clean seed)	Season average price per 100 lb.	Value of production	Carryover June 30			Imports	Total supply	Total disappearance	Exports
						Farm	Dealer	Total				
	All ryegrass seed											
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 ..	142,000	1,130	160,460	5.90	9,467	12,219	40,805	53,024	745	214,229	162,799	11,746
1966 ..	142,000	1,070	151,940	5.90	8,964	17,101	34,329	51,430	294	203,664	160,003	13,192
1967 ..	128,000	1,070	136,960	6.50	8,902	9,568	34,093	43,661	280	180,901	153,528	16,922
1968 ..	143,000	1,165	166,595	7.90	13,161	5,478	21,895	27,373	650	194,618	163,286	10,996
1969 ..	163,000	1,160	189,080	8.10	15,315	2,493	28,839	31,332	1,659	222,071	180,194	14,602
1970 ..	185,000	1,180	218,300	6.50	14,190	13,442	28,435	41,877	867	261,044	200,234	23,314
1971 ..	174,000	1,520	264,480	5.60	14,811	28,002	32,808	60,810	1,077	326,367	242,546	15,638
1972 ..	173,000	1,220	211,060	7.30	15,407	29,129	54,692	83,821	958	295,839	254,277	20,948
1973 ..	180,000	1,160	208,800	16.00	33,408	555	41,007	41,562	1,399	251,761	194,231	27,456
1974 ..	190,000	1,150	218,500	17.00	37,145	22,968	34,562	57,530	1,644	277,674	228,518	15,846
1975 ..	180,000	1,260	226,800	11.50	26,082	16,991	32,165	49,156	159	276,115	208,644	16,923
1976 ..	166,000	1,180	195,940	15.50	30,357	18,900	48,571	67,471	1,016	264,427	223,254	18,687
1977 ..	180,000	1,504	270,800	13.40	36,188	6,503	34,670	41,173	1,301	313,274	239,338	23,828
1978 ..	194,000	1,242	240,980	13.90	33,500	30,286	43,650	73,936	754	315,670	258,920	23,285
1979 ..	187,000	1,318	246,400	16.60	40,893	22,420	34,330	56,750	.....	.....	.....	.....

<sup>1</sup> Oregon only

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 414

<sup>1</sup> Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.<sup>2</sup> Excludes Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.<sup>3</sup> Also, excludes Idaho, Iowa, Montana, Nebraska, North Dakota, South Dakota, and Wyoming for 1964-71.<sup>4</sup> 30 States (April only).<sup>5</sup> 37 States (April and December only).

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 418

<sup>1</sup> Estimates discontinued.<sup>2</sup> Includes Proprietary and Merit varieties.<sup>3</sup> Any variety over which a person, company, partnership, corporation, society, or association has control or ownership of the production and resale of seed stock and commercial seed of the variety.<sup>4</sup> Harvested area and yield for 1977 not available.<sup>5</sup> Other States include Iowa, Kentucky, Minnesota, Missouri, Nebraska, North Dakota, Ohio, and South Dakota.<sup>6</sup> Not available.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 418.—Field seeds, by kinds: Area, yield, production, and value, by States, 1977-79

State	Area harvested			Yield per acre			Production (clean seed)			Price for crop of—			Value of production		
	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979
Alfalfa seed															
Ariz .....	1,000	Acres		Pounds			1,000			Dollars			1,000		
Calif .....	47,000	64,000	80,000	150	280	435	31,020	17,920	34,800	80.00	122.00	120.00	27,918	21,862	41,760
Idaho .....	33,000	43,000	42,000	385	350	385	14,190	15,050	16,170	128.00	135.00	126.00	17,879	20,318	20,374
Kans .....	42,000	60,000	40,000	95	115	95	3,990	6,900	3,990	80.00	81.50	81.00	3,192	5,624	3,078
Mont .....	39,000	26,000	42,000	90	85	140	3,510	2,210	5,880	105.00	100.00	85.00	3,686	2,210	4,998
Nebr .....	28,000	32,000	27,000	75	75	65	2,100	2,400	1,755	105.00	96.00	82.00	2,205	2,290	1,439
Nev .....	15,500	17,000	18,000	520	365	405	8,060	6,205	7,290	125.00	135.00	130.00	10,075	8,377	9,477
N. Dak .....	8,000	17,000	6,000	40	45	45	320	765	270	102.00	91.00	96.50	326	696	281
Okl .....	32,000	55,000	45,000	140	145	125	4,480	7,975	5,625	81.00	80.00	83.00	3,629	6,380	4,669
Oreg .....	13,000	14,000	14,000	470	345	300	6,110	4,890	4,200	129.00	135.00	123.00	7,882	6,521	5,166
S. Dak .....	105,000	150,000	130,000	65	85	55	6,825	12,750	7,150	106.00	99.00	89.50	7,235	12,623	6,399
Utah .....	14,000	15,000	17,000	260	290	280	3,640	4,350	4,760	124.00	117.00	104.00	4,514	5,090	4,950
Wash .....	31,000	36,000	35,000	410	285	235	12,710	10,250	8,225	124.00	136.00	125.00	15,760	13,954	10,281
U.S .....	408,500	529,000	496,000	238	173	201	97,105	91,615	99,925	108.00	117.00	114.00	104,421	105,935	112,852
Red clover seed															
Idaho .....	2,100	4,100	5,200	365	310	280	767	1,271	1,456	97.00	87.50	74.50	744	1,112	1,085
Ill .....	45,000	40,000	35,000	80	85	80	3,600	3,400	2,800	65.00	63.00	63.00	2,340	2,142	1,764
Ind .....	18,000	19,000	15,000	75	76	65	1,350	1,444	975	58.00	58.00	52.00	783	809	507
Iowa .....	7,000	11,000	14,000	75	880	90	525	880	1,260	66.00	64.00	53.00	347	563	731
Kans .....	8,000	9,500	6,000	90	90	80	720	855	480	56.00	57.50	52.00	403	492	250
Ky .....	5,500	3,300	3,200	80	75	65	440	248	208	73.00	69.00	71.50	321	171	149
Mich .....	25,000	25,000	26,000	85	85	95	2,125	2,470	2,470	49.00	49.00	49.00	1,211	1,041	1,210
Minn .....	12,000	38,000	30,000	100	110	95	1,200	4,180	2,850	69.50	58.00	55.00	834	2,424	1,568
Mo .....	37,000	40,000	26,000	70	95	90	2,590	3,800	2,340	61.00	58.00	57.00	1,580	2,204	1,346
Nebr .....	3,500	3,100	2,200	70	75	70	245	233	154	63.00	63.00	63.00	154	149	97
N.Y .....	9,000	9,000	5,000	55	85	80	330	720	350	70.00	57.50	57.50	231	414	201
Ohio .....	30,000	33,000	20,000	75	85	65	2,250	2,805	1,300	53.50	53.50	55.50	1,204	1,501	722
Oreg .....	20,000	27,500	29,000	250	200	220	5,000	6,360	6,360	84.00	77.00*	65.00	4,200	4,285	4,147
Pa .....	8,500	12,000	8,000	70	75	70	595	900	590	74.00	65.00	59.00	440	585	380
Wash .....	8,500	13,000	8,500	280	300	310	2,380	3,900	2,685	89.50	89.50	76.00	2,356	3,491	2,003
Wis .....	8,000	11,000	14,000	95	95	70	760	1,045	980	65.00	61.50	59.00	494	643	578
U.S .....	244,100	298,500	247,100	102	112	110	24,877	33,306	27,198	73.50	68.00	62.30	17,642	21,976	16,688



Ladino clover seed									
Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	Dollars	1,000 dollars
Calif. 2 .....	12,000	13,700	12,500	275	260	275	3,300	3,562	3,438
								120.00	136.00
								138.00	136.00
								1,000 dollars	1,000 dollars
								3,960	4,916
								4,676	
Grimson clover seed									
Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	Dollars	1,000 dollars
Oreg .....	11,500	10,500	10,000	330	300	460	3,795	3,150	4,600
								32.00	49.00
								50.00	1,544
								1,214	1,000 dollars
								2,300	
Lespedeza seed									
Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	Dollars	1,000 dollars
Ark .....	1,200	2,800	2,400	420	370	375	504	740	900
Ill .....	1,000	2,500	2,200	380	340	375	504	740	900
Ind .....	1,000	2,500	2,200	380	340	375	504	740	900
Iowa .....	1,000	2,500	2,200	380	340	375	504	740	900
Kans .....	1,000	2,500	2,200	380	340	375	504	740	900
Ky .....	1,000	2,500	2,200	380	340	375	504	740	900
Mo .....	1,000	2,500	2,200	380	340	375	504	740	900
N.C .....	1,000	2,500	2,200	380	340	375	504	740	900
S.C .....	1,000	2,500	2,200	380	340	375	504	740	900
Tenn .....	1,000	2,500	2,200	380	340	375	504	740	900
U.S .....	56,600	50,100	57,100	206	213	219	11,670	10,671	12,517
								69.80	46.00
								86.70	8,080
								4,847	4,416
Timothy seed									
Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	Dollars	1,000 dollars
Ill .....	5,000	5,500	4,000	130	140	130	650	770	520
Ind .....	1,600	1,600	1,400	140	140	130	650	770	520
Iowa .....	1,500	1,500	1,400	140	140	130	650	770	520
Minn .....	35,000	49,000	53,000	225	235	255	7,875	11,515	13,515
Mo .....	11,000	175	8,000	160	175	190	1,760	2,275	2,275
Ohio .....	7,000	11,000	8,500	130	180	150	910	1,980	1,275
Pa .....	3,000	3,000	3,000	115	115	115	345	345	345
Wis .....	1,000	1,000	1,000	100	100	100	100	100	100
U.S .....	65,100	78,500	73,500	187	211	229	12,149	16,540	16,830
								50.60	43.50
								34.30	6,132
								7,116	5,774

See footnotes on page 279.

Table 418.—Field seeds, by kinds: Area, yield, production, and value, by States, 1977-79—Continued

State	Area harvested			Yield per acre			Production (clean seed)			Price for crop of—			Value of production		
	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979
Orchardgrass seed															
Ky .....	Acres 800	Acres 1,200	Acres 1,000	Pounds 210	Pounds 175	Pounds 185	1,000 pounds 168	1,000 pounds 210	1,000 pounds 185	Dollars 34.00	Dollars 34.00	Dollars 42.00	1,000 dollars 57	1,000 dollars 71	1,000 dollars 78
Mo .....	5,000	4,000	3,500	200	200	200	1,050	800	700	25.00	29.50	39.00	263	236	273
Oreg .....	11,000	14,000	16,000	730	800	850	8,030	11,200	13,600	35.00	42.00	45.00	2,811	4,704	6,120
Va .....	5,500	6,000	4,500	200	220	240	1,100	1,380	1,080	26.00	30.50	39.00	266	421	421
U.S. ....	22,300	25,200	25,000	464	539	623	10,348	13,590	15,565	33.00	40.00	44.30	3,417	5,432	6,892
Kentucky bluegrass seed—Proprietary varieties <sup>3</sup>															
Idaho .....	Acres 9,800	Acres 10,000	Acres 11,000	Pounds 300	Pounds 520	Pounds 235	1,000 pounds 2,940	1,000 pounds 5,200	1,000 pounds 3,135	Dollars 84.00	Dollars 84.00	Dollars 79.50	1,000 dollars 2,470	1,000 dollars 3,484	1,000 dollars 2,304
Oreg .....	6,500	10,500	11,500	575	600	630	3,738	6,300	6,095	78.00	67.50	92.00	2,916	4,284	5,607
Wash .....	4,300	2,700	1,900	165	520	335	710	1,404	637	85.60	78.50	66.00	607	1,102	420
Total N.W., U.S. ....	20,600	23,200	24,400	359	556	404	7,388	12,904	9,867	81.10	68.70	84.40	5,993	9,870	8,331
Kentucky bluegrass seed—Public and common varieties															
Idaho .....	Acres 9,000	Acres 16,000	Acres 16,000	Pounds 285	Pounds 650	Pounds 390	1,000 pounds 2,565	1,000 pounds 10,400	1,000 pounds 6,240	Dollars 82.00	Dollars 59.00	Dollars 79.00	1,000 dollars 2,103	1,000 dollars 6,136	1,000 dollars 4,930
Oreg .....	9,500	11,000	10,500	595	620	585	5,653	6,820	6,143	84.00	67.50	75.00	4,749	4,904	4,607
Wash .....	16,000	17,300	23,000	200	690	400	3,200	11,937	9,200	80.00	66.00	77.50	2,560	7,878	7,130
Total N.W., U.S. ....	34,500	44,300	49,500	331	658	436	11,418	29,157	21,583	82.40	63.90	77.20	9,412	18,618	16,667
All Kentucky bluegrass seed															
Idaho .....	Acres 18,800	Acres 26,000	Acres 27,000	Pounds 293	Pounds 600	Pounds 347	1,000 pounds 5,505	1,000 pounds 15,600	1,000 pounds 7,375	Dollars 83.10	Dollars 61.70	Dollars 77.20	1,000 dollars 4,573	1,000 dollars 9,620	1,000 dollars 7,234
Oreg .....	16,000	21,500	22,000	587	610	556	9,391	13,120	12,238	81.60	67.70	83.50	7,665	8,888	10,214
Wash .....	20,300	20,000	24,900	193	667	395	3,910	13,341	9,837	81.00	67.30	76.90	3,167	8,980	7,550
Total N.W., U.S. ....	55,100	67,500	73,900	341	623	426	18,806	42,061	31,450	81.90	65.40	79.50	15,405	27,488	24,998
Other States <sup>4,5</sup> ..	( <sup>6</sup> )	11,500	16,000	( <sup>6</sup> )	253	320	960	2,905	5,120	103.00	65.50	80.00	989	1,903	4,096
U.S. <sup>4</sup> .....	( <sup>6</sup> )	79,000	89,900	( <sup>6</sup> )	569	407	19,766	44,966	36,570	82.90	65.40	79.60	16,394	29,391	29,094

## Cheatings fescue seed

Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oreg .....	10,000	12,000	550	450	600	5,500	5,400	7,200	52.00	59.00	72.00	2,866	3,186	5,184

## Red fescue seed

Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oreg .....	12,000	12,500	500	520	520	6,000	6,500	5,200	52.00	57.00	74.00	3,120	3,705	3,848

## Tall (Alta &amp; Ky. 31) fescue seed

Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala .....	4,000	17,000	130	310	295	520	7,905	4,130	32.00	13.50	22.00	166	1,067	909
Ark .....	25,500	14,000	290	210	220	4,930	2,940	2,420	22.00	19.00	26.50	1,085	559	641
Ga .....	10,000	11,000	205	200	225	2,050	7,400	5,400	35.00	13.00	18.00	718	990	972
Kans .....	30,000	37,000	150	200	220	4,500	7,400	5,400	22.00	13.00	18.00	990	962	767
Ky .....	21,000	42,000	190	270	290	3,990	11,340	71,400	27.50	16.50	20.50	1,097	1,871	1,767
Mo .....	349,000	415,000	235	315	280	82,015	130,725	71,400	21.50	10.50	17.633	13,726	15,351	15,351
Oreg .....	9,500	10,000	650	700	720	6,175	6,650	7,200	32.00	27.00	28.00	1,976	1,796	1,872
S.C .....	6,000	10,000	170	( <sup>1</sup> )	( <sup>1</sup> )	1,020	( <sup>1</sup> )	( <sup>1</sup> )	30.00	( <sup>1</sup> )	( <sup>1</sup> )	306	( <sup>1</sup> )	( <sup>1</sup> )
Tenn .....	13,000	23,000	190	200	220	2,470	4,600	2,200	32.00	18.50	22.50	790	851	495
Total above	459,500	566,000	234	303	283	107,670	171,560	96,490	23.00	12.10	21.80	24,761	20,832	21,007
States .....														

## Bentgrass seed

Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oreg .....	17,000	18,000	400	230	250	6,800	4,140	4,500	88.00	125.00	190.00	5,984	5,175	8,560

## Hairy vetch seed

Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Nebr .....	12,000	12,000	120	( <sup>1</sup> )	( <sup>1</sup> )	1,440	( <sup>1</sup> )	( <sup>1</sup> )	27.00	( <sup>1</sup> )	( <sup>1</sup> )	389	( <sup>1</sup> )	( <sup>1</sup> )
Okla .....	7,000	10,000	155	( <sup>1</sup> )	( <sup>1</sup> )	1,085	( <sup>1</sup> )	( <sup>1</sup> )	24.00	( <sup>1</sup> )	( <sup>1</sup> )	260	( <sup>1</sup> )	( <sup>1</sup> )
Oreg .....	8,000	8,000	600	450	500	4,800	3,600	5,000	28.00	32.00	38.00	1,344	1,152	1,900
Tex .....	3,500	( <sup>1</sup> )	260	( <sup>1</sup> )	( <sup>1</sup> )	910	( <sup>1</sup> )	( <sup>1</sup> )	26.50	( <sup>1</sup> )	( <sup>1</sup> )	241	( <sup>1</sup> )	( <sup>1</sup> )
Total above	30,500	8,000	270	450	500	8,235	3,600	5,000	27.10	32.00	38.00	2,234	1,152	1,900
States .....														

## Ryegrass seed

Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oreg., all .....	180,000	194,000	1,504	1,242	1,318	270,800	240,980	246,400	13.40	13.90	16.60	36,188	33,500	40,883

See footnotes on page 279.

Table 419.—Seeding rates: Quantity of seed used per acre for specified crops, by states

State	Corn	Winter wheat	Durum wheat	Other spring wheat	Oats	Barley	Rye	Flaxseed	Sorghum	Soybeans	Dry beans	Sunflowers	Rice	Potatoes (Irish)	Sweet potatoes	Peanuts <sup>1</sup>	Cotton <sup>2</sup>
Ala	Kernels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Pounds	Pounds	Bushels	Pounds	Seeds	Pounds	Cut	Cut	Pounds	Pounds
Ariz	21,000	18	2.2	2.8	2.8	2.5	1.9	185	185	0.90	...	...	...	14.2	4.0	100	26
Ark	28,600	22	2.2	...	...	2.5	...	125	125	...	...	...	...	15.0	...	...	18
Calif	20,000	18	...	2.8	2.8	2.0	...	83	83	.90	...	...	...	...	4.8	...	25
Calif	27,000	19	2.0	...	2.9	2.0	...	17.0	17.0	...	58	...	...	18.4	5.0	...	22
Colo	25,600	.85	...	1.4	2.2	1.6	.85	6.6	6.6	...	34	...	...	22.0	...	...	...
Conn	24,600	...	...	...	...	...	...	...	...	...	...	...	...	20.0	...	...	...
Del	19,900	1.9	...	...	...	2.1	1.9	...	...	.90	...	...	...	15.0	...	...	...
Fla	19,900	...	...	...	...	...	...	...	...	.90	...	...	...	22.8	...	99	23
Ga	19,900	1.7	...	...	2.9	...	1.9	17.5	17.5	.90	...	...	...	...	2.5	110	23
Idaho	36,200	1.2	...	1.6	2.5	1.8	...	...	...	...	97	...	...	20.0	...	...	...
Ill	22,200	1.7	...	...	2.7	1.9	1.6	11.7	11.7	.95	...	...	...	16.0	...	...	...
Ind	22,700	1.9	...	...	2.3	...	1.6	15.0	15.0	.95	...	...	...	19.2	...	...	...
Iowa	22,600	1.6	...	...	3.1	1.6	1.6	11.2	11.2	.95	...	...	...	14.0	...	...	...
Kans	22,500	.95	...	...	2.1	1.3	.95	5.6	5.6	.90	40	...	...	...	...	...	...
Ky	20,200	1.7	...	...	2.0	1.8	1.6	15.0	15.0	1.1	...	...	...	...	...	...	...
La	23,500	1.8	...	...	...	...	...	11.1	11.1	.90	...	...	...	...	...	...	21
Maine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Md	21,000	1.9	...	...	2.7	2.1	1.8	...	...	.90	...	...	...	21.5	8.0	...	...
Mass	24,300	...	...	...	...	...	...	...	...	...	...	...	...	14.0	6.0	...	...
Mich	20,700	2.0	...	...	2.4	2.0	1.8	...	...	.95	48	...	...	19.0	...	...	...
Minn	21,900	1.5	1.6	...	2.8	1.8	1.4	48	...	1.0	55	21,000	...	19.1	...	...	...
Miss	18,500	1.8	...	...	...	...	...	9.1	9.1	.85	...	...	...	15.2	...	100	22
Mo	19,100	1.7	...	...	2.3	1.3	1.6	...	7.8	.90	58	...	...	...	...	...	29
Mont	22,300	.95	1.1	1.0	1.8	1.3	...	...	5.8	.95	61	...	...	...	...	...	...
Nebr	22,200	1.1	...	...	2.6	1.7	1.2	...	...	...	...	...	...	...	...	...	...
Nev	...	1.6	...	1.8	...	2.2	...	...	...	...	...	...	...	...	...	...	...
N.H.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
N.J.	24,100	2.0	...	...	2.4	2.2	1.8	...	...	1.3	...	...	...	...	...	...	...
N.Mex	23,000	.70	...	...	...	1.9	...	8.0	8.0	...	...	...	...	...	...	73	27
N.Y.	23,900	2.3	...	...	2.5	2.2	2.1	...	...	1.7	76	...	...	22.7	...	...	...
N.C.	20,300	1.7	...	...	2.7	2.1	1.6	...	13.0	.95	...	...	...	12.9	12.0	105	17
N.Dak	19,600	1.1	1.5	1.3	2.0	1.5	1.2	41	...	1.1	56	19,800	...	15.0	...	...	...
Ohio	23,300	2.2	...	...	2.7	2.1	1.9	...	...	1.2	...	...	...	17.9	...	...	...
Okl	21,900	1.1	...	...	2.2	1.3	1.3	...	8.8	.85	...	...	...	...	...	83	21
Oreg	25,300	1.2	...	1.2	2.6	1.7	1.1	...	...	...	...	...	...	...	...	...	...
Pa	21,700	2.2	...	...	2.7	2.2	2.0	...	21.5	1.5	...	...	...	...	...	...	...
R.I.	24,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
S.C.	20,700	1.7	...	...	2.8	2.1	1.8	...	13.0	.85	...	...	...	...	5.0	93	17
S.Dak	16,000	1.0	1.4	1.3	2.6	1.7	1.3	49	7.4	.95	...	...	...	12.0	...	...	...
Tenn	18,300	1.9	...	...	2.4	2.0	...	...	15.0	.85	...	...	...	11.0	5.7	...	17
Texas	23,000	.90	...	...	2.3	1.2	.95	25	7.4	.85	...	...	...	12.7	8.5	64	29
Utah	30,200	1.2	...	1.6	2.5	2.1	...	...	...	...	13	20,500	...	22.0	...	...	...
Vt	24,400	...	...	...	...	...	...	...	...	...	...	...	...	18.0	...	...	...



Va	20,940	1.8	.....	.....	2.5	2.2	1.8	.....	13.2	1.0	.....	.....	.....	12.5	8.3	106	25
Wash	26,900	1.1	.....	.....	2.8	1.7	.....	.....	.....	.....	83	.....	.....	21.5	.....	.....	.....
W. Va	20,700	2.0	.....	.....	2.8	2.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wisc	21,200	1.7	.....	.....	2.8	2.0	1.6	.....	.....	1.2	.....	.....	.....	17.0	.....	.....	.....
Wyo	24,000	.90	.....	.....	2.2	1.9	.85	.....	.....	.....	73	.....	.....	20.0	.....	.....	.....
U.S	21,900	1.18	1.50	1.32	2.59	1.69	1.59	45	7.17	.95	56	19,900	134	18.7	8.1	95	26

<sup>1</sup> Farmers stock (Unshelled basis).

<sup>2</sup> Fuzzy equivalent basis.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board, United States  
average is rate of seeding weighted by 1980 area planted, by States.

Table 420.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1971-80

Kind of seed	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Price per 100 pounds										
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alfalfa, uncertified varieties .....	54.80	50.90	75.80	153.00	114.00	99.00	153.00	168.00	180.00	174.00
Alfalfa, certified varieties .....	64.20	26.50	83.20	167.00	140.00	116.00	177.00	194.00	215.00	213.00
Red clover .....	57.70	52.80	73.30	114.00	106.00	90.00	108.00	128.00	115.00	110.00
Alsike clover .....	37.90	37.70	39.90	59.50	67.50	63.00	89.50	67.00	.....	.....
Sweetclover .....	21.30	21.90	22.70	28.00	35.00	36.00	38.50	39.00	.....	.....
Ladino clover .....	140.00	137.00	143.00	220.00	250.00	210.00	220.00	220.00	280.00	250.00
Lespedeza, Korean .....	22.70	26.40	46.10	68.00	59.50	48.00	62.50	74.00	66.00	52.00
Lespedeza, Striate, Kobe .....	27.20	29.00	47.40	70.00	69.00	73.00	93.50	107.00	96.00	71.00
Lespedeza, Sericea .....	41.50	44.70	99.10	127.00	76.00	91.00	226.00	301.00	157.00	106.00
Timothy .....	24.00	24.60	46.10	65.00	51.00	37.00	60.00	124.00	98.00	80.00
Orchardgrass .....	42.50	38.80	46.10	65.50	63.00	53.00	62.00	70.00	85.00	95.00
Kentucky bluegrass .....	66.90	65.20	70.90	162.00	107.00	92.00	147.00	165.00	155.00	170.00
Ryegrass, annual .....	17.70	17.20	21.30	49.00	34.90	28.00	35.00	32.00	32.00	35.50
Tall fescue .....	26.00	24.50	39.20	43.50	35.00	32.50	47.50	62.00	40.00	49.50
Sudangrass .....	16.00	19.80	21.90	24.50	27.30	28.00	34.50	32.00	33.00	33.50
Potatoes <sup>1</sup> .....	3.44	3.13	4.92	8.05	5.30	7.40	5.63	5.00	4.60	4.90
Peanuts .....	37.20	37.10	38.30	46.00	45.50	43.50	52.00	53.00	54.00	64.00
Sunflower <sup>2</sup> .....	.....	.....	.....	.....	.....	.....	.....	.....	155.00	165.00
Cottonseed .....	17.20	17.40	18.30	25.30	33.60	28.50	30.80	31.00	33.10	35.20
Grain sorghums, hybrid .....	21.90	23.30	24.60	28.50	36.50	37.50	41.00	43.00	41.00	45.00
Forage sorghums .....	15.20	19.70	20.70	21.00	23.50	21.50	27.50	22.50	23.80	27.00
Price per bushel										
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Corn, hybrid .....	18.80	21.50	22.20	25.00	36.50	36.50	40.00	43.00	45.50	52.50
Wheat (spring) .....	2.46	2.63	3.20	8.40	7.70	6.50	5.20	5.10	5.40	6.60
Oats (spring) .....	3.05	1.69	2.08	3.05	3.65	3.40	3.70	3.10	3.20	3.95
Barley (spring) .....	1.90	1.99	2.35	4.10	5.50	5.10	4.60	4.10	4.20	4.90
Soybeans for seed .....	4.87	5.21	8.75	9.50	10.50	7.40	13.00	11.50	12.00	10.40
Flaxseed .....	4.07	3.79	6.35	16.50	13.00	10.50	11.00	7.00	10.00	9.80

<sup>1</sup> Season average price. <sup>2</sup> Estimates beginning 1979.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 421.—Field seeds: Average retail price paid by farmers for seed, Sept. 15, United States, 1971-79

Kind of seed	1971	1972	1973	1974	1975	1976	1977	1978	1979
Price per 100 pounds									
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alfalfa, uncertified varieties .....	54.40	54.80	105.00	151.00	107.00	122.00	158.00	165.00	175.00
Alfalfa, certified varieties .....	62.60	64.50	119.00	166.00	132.00	145.00	182.00	190.00	210.00
Red clover .....	56.10	55.00	80.50	112.00	100.00	100.00	110.00	121.00	116.00
Alsike clover .....	37.80	37.50	44.50	62.00	64.50	71.00	88.00	64.00	.....
Ladino clover .....	143.00	136.00	165.00	225.00	250.00	210.00	220.00	220.00	235.00
Crimson clover .....	29.40	34.20	59.50	91.00	99.00	73.00	59.00	77.00	82.50
Timothy .....	24.30	28.90	55.00	60.00	43.00	49.00	75.00	77.00	94.00
Orchardgrass .....	41.80	42.00	57.50	66.00	53.00	58.00	62.00	69.50	88.00
Kentucky bluegrass .....	66.90	66.70	145.00	143.00	86.90	107.00	145.00	177.00	171.00
Tall fescue .....	23.40	27.50	40.00	40.00	34.00	40.00	50.00	47.50	52.50
Ryegrass, annual .....	16.80	15.90	39.50	41.00	28.50	31.00	28.00	28.50	29.00
Ryegrass, perennial .....	26.20	28.30	77.00	84.00	43.00	46.00	56.00	60.50	75.50
Hairy vetch .....	22.20	21.80	25.50	37.00	37.00	48.00	49.00	56.00	65.50
Price per bushel									
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Wheat (winter) .....	2.67	2.97	7.20	7.50	6.10	6.00	4.40	5.90	7.40
Oats (winter) .....	2.02	2.27	3.90	3.95	4.75	3.75	3.60	3.25	3.95
Barley (winter) .....	2.50	2.88	4.60	5.30	5.45	4.95	4.30	4.70	5.40
Rye .....	2.73	2.78	4.90	5.90	5.90	6.00	5.20	4.90	6.20

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 422.—Vegetable seeds: Imports admitted under the Federal Seed Act into the United States, 1976-79

Kind of seed	Year beginning July				Kind of seed	Year beginning July			
	1976	1977	1978	1979 <sup>1</sup>		1976	1977	1978	1979 <sup>1</sup>
	100 pounds	100 pounds	100 pounds	100 pounds		100 pounds	100 pounds	100 pounds	100 pounds
Asparagus .....			25	7	Kale, Chinese .....	2	1		5
Bean:					Kohlrabi .....	36	30	19	27
Asparagus .....	105	105	85	42	Leek .....	43	27	41	28
Garden .....	4,888	3,253	3,563	609	Lettuce <sup>2</sup> .....	2,180	1,229	1,742	1,573
Lima .....	6	1			Muskmelon .....	375	294	321	397
Runner .....	256	298	136	81	Mustard, India .....	12	5	5	20
Beet .....	367	59	109	193	Mustard, Spinach ..	1		2	2
Broadbean .....	32	14	12	17	Okra .....	22	227	20	2
Broccoli .....	137	46	83	75	Onion .....	2,814	2,146	3,345	4,579
Brussels sprouts ..	32	32	34	29	Onion, Welsh .....		5	7	2
Burdock .....	13	11	5	13	Pak-choi .....	14	12	13	9
Cabbage .....	114	117	322	152	Parsley <sup>2</sup> .....	236	182	277	220
Cardoon .....	3	3	1		Parsnip .....	1	2	2	1
Carrot .....	1,099	261	184	560	Pea, garden <sup>2</sup> .....	40,102	15,951	2,755	9,920
Cauliflower .....	77	372	209	319	Pepper <sup>2</sup> .....	584	343	688	1,202
Celery .....	1	2	2		Pumpkin <sup>2</sup> .....	13	6	4	2
Celery <sup>2</sup> .....	7	2	8	15	Radish .....	242	284	479	279
Chard, Swiss .....	49	10	16	3	Rhubarb .....				
Chicory .....	4	5	4	7	Rutabaga .....	6	3	3	2
Chinese Cabbage ..	32	28	62	71	Salsify .....	167	130	29	58
Chives .....	7	9		5	Sorrel .....	2			
Corn, sweet .....	125	98	356	62	Soybean <sup>2</sup> .....	212	122	4	40
Cornsalad .....		1			Spinach .....	296	612	837	285
Cress:					Spinach, New .....				
Garden .....	10	31	20	61	Zealand .....	133	104	91	102
Upland .....	1		5		Squash .....	234	41	306	235
Water .....	3	1	1		Tomato .....	4,549	4,100	2,990	4,572
Cucumber .....	837	692	574	716	Tomato, husk .....	4	4	7	
Dandelion .....	2	1			Turnip .....	73	31	6	59
Eggplant .....	338	143	247	201	Watermelon <sup>2</sup> .....	64	59	163	371
Endive .....	18	1	4	3					
Kale .....	17	19	6	3	Total .....	60,992	81,565	20,290	27,266

<sup>1</sup>Includes July 1979 through April 1980.<sup>2</sup>Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Agricultural Marketing Service.

Table 423.—Vegetable seeds: Area, production, and stocks held by dealers on June 30, United States, 1977-79

Kind of seed	Area harvested			Production			Stocks		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
Bean:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Bush green .....	28,100	38,896	40,015	45,901	52,963	65,248	29,181	14,245	12,212
Bush wax .....	3,098	3,242	2,998	4,347	4,424	4,510	2,359	2,021	1,514
Pole (green and wax) .....	3,566	3,576	2,923	5,044	4,522	3,714	2,620	2,340	2,222
Bush lima .....	5,148	5,791	5,271	10,261	11,478	10,228	5,246	3,684	3,355
Pole lima .....	565	520	318	888	959	884	482	480	579
Beet, garden .....	1,123	773	675	1,450	627	717	2,061	2,040	892
Broccoli .....	124	173	417	63	78	181	200	194	83
Cabbage .....	930	1,013	735	710	777	542	689	555	442
Carrot .....	1,689	3,743	792	910	2,731	213	2,676	1,790	1,504
Cauliflower .....	392	372	303	162	168	130	119	88	65
Celery .....	49	22	32	19	14	14	97	59	46
Chard, Swiss .....	125	104	57	192	107	93	320	201	132
Corn:									
Sweet, hybrids .....	8,831	9,544	10,116	14,636	15,440	17,119	14,634	10,862	10,707
Sweet, open-pollinated .....	205	174	82	416	397	172	991	593	463
Nonsweet .....	213	200	187	536	507	434	433	286	318
Cucumber .....	3,050	4,719	6,687	1,209	1,736	3,032	1,902	1,289	1,031
Eggplant .....	5	17	19	1	2	4	44	29	18
Endive .....	50	64	49	28	45	32	136	88	100
Kale .....	635	211	164	612	181	109	662	680	474
Kohlrabi .....	107	117	87	82	124	59	24	17	23
Leek .....	14	26	20	7	7	1	12	9	7
Lettuce:									
Heading .....	1,427	1,409	2,417	610	424	912	616	502	405
Loose-leaf .....	663	657	1,076	270	208	361	198	217	177
Romaine .....	154	93	476	61	33	134	60	56	48
Muskmelon .....	2,056	3,186	3,668	633	975	1,280	703	460	562
Watermelon .....	8,832	7,416	11,292	2,232	1,738	2,892	1,372	1,202	1,034
Mustard .....	181	212	304	213	257	473	959	654	391
Okra .....	214	445	458	277	589	898	700	189	132
Onion .....	4,403	3,243	3,119	1,468	807	1,114	1,141	1,183	962
Parsley .....	302	167	222	192	79	131	172	249	174
Parsnip .....	80	16	43	64	10	24	74	55	20
Peas .....	61,168	83,652	69,779	94,838	185,910	139,912	72,168	33,062	49,726
Pepper .....	1,090	1,887	2,455	139	192	337	360	237	157
Pumpkin .....	143	237	397	74	92	193	286	215	184
Radish .....	1,594	1,782	2,062	1,470	1,697	1,869	2,993	2,102	1,737
Salsify .....	10	10	10	3	1	2	8	7	10
Spinach .....	1,403	1,615	2,601	2,592	2,194	5,113	796	1,014	494
Squash:									
Summer .....	1,222	1,628	2,506	778	899	1,531	1,272	963	692
Winter .....	422	669	568	192	166	245	468	414	304
Tomato .....	3,891	3,778	3,556	466	405	541	978	882	880
Turnip .....	193	276	163	196	493	201	3,151	2,070	1,161
Rutabaga .....	10	49	33	8	46	55	355	197	246

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Compiled from reports of commercial vegetable seed growers and handlers.



Table 424.—Agricultural seeds: Imports admitted under the Federal Seed Act into the United States, 1976-79

Kind of seed	Year beginning July				Kind of seed	Year beginning July			
	1976	1977	1978	1979 <sup>1</sup>		1976	1977	1978	1979 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Alfalfa .....	159	777	188	52	Lovegrass, weeping .....	33			
Barley <sup>2</sup> .....	793	1,449	881	1,341	Meadow, foxtail .....	11	2		1
Barrelclover .....	40	20		6	Millet, Japanese .....			70	
Bean:					Mixtures .....				
Adzuki .....					Grasses .....	22	3	1	1
Field .....	7	3	34		Legumes .....	4,593	3,188	4,731	3,973
Mung .....	2			33	Other .....	14	82	25	55
Broadbean .....		96	829	4	Mustard, India <sup>2</sup> .....	148	221	241	
Beet:					Mustard, white <sup>2</sup> .....	342	465	116	27
Field .....	2	6		41	Oat <sup>2</sup> .....	1,802	1,248	3,320	912
Sugar .....	400	164	214	179	Panicgrass, green .....	46	8	17	8
Bentgrass:					Pea, field <sup>2</sup> .....	505	615	190	84
Colonial .....	42	17	3	22	Rape:				
Creeping .....	11	3	14		Annual <sup>2</sup> .....	72	651	497	60
Bermudagrass .....	1		9	6	Bird .....		5	18	
Bluegrass:					Turnip .....		2	2	
Canada .....		3			Winter .....			1	
Kentucky .....	799	82	379	488	Redtop .....		35		6
Rough .....	526	381	328	412	Rye <sup>2</sup> .....	143	12	7	46
Brome, smooth .....	209	57	17	46	Ryegrass:				
Buckwheat <sup>2</sup> .....	138	418	170	424	Annual .....	190	456	256	163
Chickpea .....			55	331	Perennial .....	826	845	498	101
Clover:					Wimmera .....	22	55	22	29
Alsike .....	2,980	4,693	2,308	1,936	Safflower .....				
Berseem .....	4				Sainfoin .....		16		43
Crimson .....	2	3	118	1	Sorghum <sup>2</sup> .....	481	23	1,399	71
Ladino .....	180	10			Sorghum-Sudangrass .....		5		1
Persian .....			6	1	Soybean <sup>2</sup> .....	119	43	544	515
Red .....	3,373	3,514	4,369	2,828	Sunflower <sup>2</sup> .....	113	104	173	395
Rose .....	17	18	4	23	Sweetclover, yellow				
Small hop .....	6	9			& white (mixed) .....	234	449	112	111
Strawberry .....	88	26	5	10	Sweetclover:				
Subterranean .....	294	703	327	211	White .....	171	75	1	37
White .....	849	406	574	887	Yellow .....	7,169	8,605	6,126	5,372
Corn, field <sup>2</sup> .....	9,981	10,260	6,938	7,278	Timothy .....	790	1,440	837	1,172
Cowpea <sup>2</sup> .....	684	709	829	9	Trefoil, birdsfoot .....	268	1,005	676	296
Crownvetch .....			1		Triticale .....	15	37		
Fescue:					Vetch, common .....	451		1	6
Chewings .....	13	24	18	7	Vetch, hairy <sup>2</sup> .....	3	2	2	7
Hard .....		89	1	1	Wheat <sup>2</sup> .....	1,243	353	1,500	6,435
Meadow .....	626	105	29	37	Wheat, durum <sup>2</sup> .....	50	156	397	1,645
Red .....	22,369	19,375	12,091	12,004	Wheatgrass:				
Sheep .....		22			Crested .....	526	544	521	170
Tall .....	6	4	52	29	Intermediate .....	13			
Flax <sup>2</sup> .....	1,477	44	74		Pubescent .....	57	119	95	1
Grass:					Siberian .....		129		
Buffel .....	6	10	2		Slender .....	60	367	41	32
Canary <sup>2</sup> .....	40	85	4	193	Streambank .....	80	32		
Canarygrass, reed .....	1		7	11	Tall .....	13	251	231	72
Carpet .....	258	407	301	251	Wildrye, Russian .....	228	197	33	159
Dallis .....	86	74	87	112					
Guinea .....	43	3	1	1	Total .....	69,203	66,442	47,876	51,344
Harding .....	5	41		2					
Japanese lawn .....									
Orchard .....	1,227	482	282	29					
Rhodes .....			13						
Lentil .....	1		29						

<sup>1</sup> Includes July 1979 through April 1980.<sup>2</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Agricultural Marketing Service.

Table 425.—Beans, dry edible: Area, yield, production, disposition, and value, United States, 1965-79<sup>1,2</sup>

Year	Area planted	Area harvested	Yield per harvested acre <sup>3</sup>	Production <sup>3</sup>	Used on farms where produced	Sold	Season average price per 100 pounds received by farmers <sup>4</sup>	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1965	1,556	1,484	1,109	16,457	168	16,289	8.68	142,821
1966	1,521	1,486	1,343	19,964	166	19,798	7.17	143,162
1967	1,283	1,205	1,263	15,215	140	15,075	9.26	141,025
1968	1,473	1,424	1,224	17,435	165	17,270	8.18	143,697
1969	1,519	1,469	1,287	18,913	133	18,780	7.60	143,907
1970	1,503	1,409	1,235	17,399	140	17,259	9.21	160,332
1971	1,338	1,296	1,230	15,939	139	15,800	10.90	173,971
1972	1,456	1,371	1,312	17,983	152	17,831	11.00	198,335
1973	1,358.7	1,331.7	1,222	16,274	157	16,117	27.30	444,945
1974	1,587.4	1,515.8	1,341	20,329	163	20,166	19.80	402,341
1975	1,514.2	1,466.1	1,190	17,442	155	17,287	21.10	350,988
1976	1,541.8	1,499.3	1,186	17,786	154	17,632	15.50	276,291
1977	1,412.7	1,279.9	1,298	16,610	133	16,477	20.20	334,866
1978	1,530.9	1,481.4	1,285	19,040	143	18,897	17.30	323,777
1979 <sup>5</sup>	1,453.0	1,418.7	1,457	20,665	147	20,518	23.00	475,949

<sup>1</sup>Figures include principal producing States only.<sup>2</sup>Excludes beans grown for garden seed.<sup>3</sup>Cleaned basis.<sup>4</sup>Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.<sup>5</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 426.—Beans, dry edible (cleaned basis): Production, by classes; United States, 1977-79<sup>1</sup>

Class	1977	1978	1979 <sup>2</sup>	Class	1977	1978	1979 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.
Pea (navy)	5,309	5,795	6,418	Black turtle soup	109	171	263
Great northern	1,603	1,863	1,998	Large lima	540	458	520
Small white	239	190	177	Baby lima	475	512	650
Flat small white	9	10	4	Blackeye, California	800	778	930
Pinto	4,517	5,528	5,940	Garbanzo	63	101	149
Red kidney	1,285	1,843	1,637	Other	313	372	405
Pink	753	685	801				
Small red	305	359	463	Total	16,610	19,040	20,665
Cranberry	390	375	305				

<sup>1</sup>Excludes beans grown for garden seed.<sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 427.—Beans, dry edible: Area, yield, and production, by States, 1977-79<sup>1</sup>

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Calif .....	169.0	216.0	205.0	169.0	216.0	205.0	1,708	1,538	1,720	2,887	3,323	3,520
Colo .....	175.0	185.0	185.0	150.0	170.0	175.0	880	900	910	1,245	1,530	1,593
Idaho .....	134.0	154.0	134.0	132.0	153.0	133.0	1,640	1,630	1,850	2,165	2,494	2,460
Kans .....	13.0	17.5	18.0	12.5	16.0	17.0	1,300	1,200	1,000	162	192	170
Mich .....	550.0	550.0	495.0	480.0	540.0	490.0	1,180	1,150	1,400	5,664	6,210	6,860
Minn .....	33.0	44.0	38.0	30.0	42.0	36.0	1,320	1,410	1,560	396	592	562
Mont .....	6.7	8.4	10.0	6.5	8.4	9.7	1,600	1,500	1,800	104	126	175
Nebr .....	120.0	125.0	140.0	114.0	118.0	135.0	1,550	1,650	1,600	1,767	1,947	2,160
N.Y. ....	42.0	45.0	42.0	32.0	42.0	40.0	1,100	1,020	1,200	352	428	480
N. Dak .....	115.0	118.0	110.0	105.0	113.0	105.0	1,050	1,100	1,350	1,103	1,243	1,418
Utah .....	5.0	9.0	8.0	1.0	8.0	8.0	200	300	400	2	24	32
Wash .....	20.0	29.0	38.0	19.0	28.0	37.0	1,750	1,800	1,900	333	504	703
Wyo .....	24.0	30.0	30.0	23.0	27.0	28.0	1,650	1,580	1,900	380	427	532
Other States <sup>3</sup> .....	6.0	.....	.....	5.9	.....	.....	848	.....	.....	50	.....	.....
U.S. ....	1,412.7	1,530.9	1,453.0	1,279.9	1,481.4	1,418.7	1,298	1,285	1,457	16,610	19,040	20,665

<sup>1</sup> Excludes beans grown for garden seed.

<sup>2</sup> Preliminary.

<sup>3</sup> Illinois and Indiana; estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 428.—Beans, dry edible (cleaned basis): Production, disposition, and value, by States, crop of 1979 (preliminary)<sup>1</sup>

State	Production	Used on farms where produced	Sold	Season Average price per cwt.	Value of—	
					Production	Sales
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Calif .....	3,520	42	3,478	27.90	98,208	97,036
Colo .....	1,593	27	1,566	26.60	42,374	41,656
Idaho .....	2,460	0	2,460	24.80	61,008	61,008
Kans .....	170	0	170	25.50	4,335	4,335
Mich .....	6,860	69	6,791	18.50	126,910	125,634
Minn .....	562	0	562	20.70	11,633	11,633
Mont .....	175	1	174	25.00	4,375	4,350
Nebr .....	2,160	0	2,160	23.10	49,896	49,896
N.Y. ....	480	7	473	22.60	10,848	10,690
N. Dak .....	1,418	0	1,418	23.70	33,607	33,607
Utah .....	32	1	31	28.40	909	880
Wash .....	703	0	703	25.70	18,067	18,067
Wyo .....	532	0	532	25.90	13,779	13,779
U.S. ....	20,665	147	20,518	23.00	475,949	472,571

<sup>1</sup> Excludes beans grown for garden seed.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 429.—Beans, dry edible: Season average wholesale price per 100 pounds, at selected markets, 1965–79**

Year beginning September	New York City <sup>1</sup>		F.o.b. California points				F.o.b. Idaho points: Great northern, U.S. No. 1 <sup>2</sup>	F.o.b. Colorado points: Pinto, U.S. No. 1 <sup>2</sup>
	Pea, choice	Lima, large standard	Baby lima, choice	Lima, large	Red kidney	Small white		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1965 .....	10.28	16.38	12.65	14.14	12.18	12.15	9.59	8.98
1966 .....	8.03	24.37	11.11	23.33	9.48	9.43	7.47	7.47
1967 .....	10.69	22.85	14.89	19.45	13.72	13.17	8.50	9.54
1968 .....	10.62	18.11	7.81	14.46	23.26	11.85	8.62	7.83
1969 .....	9.65	15.46	7.99	12.15	11.25	10.07	8.02	10.69
1970 .....	14.00	16.07	8.86	13.51	19.63	13.83	10.35	9.24
1971 .....	16.68	21.55	10.88	19.40	14.17	17.36	11.77	11.59
1972 .....	12.84	31.95	17.40	29.51	28.18	18.74	16.81	10.96
1973 .....	46.90	42.83	32.50	39.18	41.76	45.76	34.79	39.37
1974 .....	21.77	31.96	16.00	24.64	27.85	18.08	20.93	32.45
1975 .....	22.50	37.50	17.69	32.70	23.80	24.39	23.61	17.69
1976 .....		45.86	20.83	37.34	21.36	21.88	17.80	14.74
1977 .....		46.39	21.03	35.49	35.69	27.31	24.84	25.96
1978 .....		42.53	20.39	31.48	37.83	26.15	23.32	23.29
1979 .....		48.29	22.44	39.70	24.69	24.90	24.82	24.40

<sup>1</sup> Prices represent prevailing values of the commodity and grade specified, as indicated by sales from receivers to wholesale distributors.

<sup>2</sup> Prices include brokerage, cleaning, and handling charges.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from New York Producers Price Current, New York Journal of Commerce, and Bean Market News (formerly Bean Market Review).

**Table 430.—Beans, dry edible: United States exports to specified countries, 1977–79**

Continent and country	1977	1978	1979	Continent and country	1977	1978	1979
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Europe—Continued	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada .....	11,951	18,890	13,517	Italy .....	6,459	8,901	7,602
Dominican Republic .....	190	5,416	2,376	Netherlands .....	16,106	21,143	20,460
French West Indies .....	1,207	1,682	1,594	Spain .....	1,546	3,595	3,407
Mexico .....	7,251	9,396	16,604	United Kingdom .....	25,451	57,207	42,888
Panama .....	2,009	1,955	3,424	Total .....	79,318	107,785	97,781
Trinidad and Tobago .....	886	1,105	931				
Total .....	23,494	38,444	38,446	Asia:			
South America:				Israel .....	1,554	757	979
Brazil .....	1,699	1,971	2,244	Japan .....	34,379	18,162	13,191
Colombia .....	1,954	271	4,123	Philippines .....	1,193	1,833	1,320
Venezuela .....	11,316	9,751	18,580	Total .....	37,126	20,752	15,490
Total .....	14,969	11,993	24,947	Oceania:			
Europe:				Australia .....	1,955	3,142	2,000
Belgium and Luxembourg ....	3,190	3,395	6,596	Other countries .....	33,071	57,092	75,652
France .....	13,502	8,969	12,591	Grand total .....	189,933	239,208	254,316
Germany, Fed. Rep. of .....	13,064	4,575	4,237				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 431.—Beans, dry edible: United States exports by class and quantity, 1968-79

Year <sup>1</sup>	Navy or pea	Great northern	Other white	Pinto	Red kidney	Other colored	Seed	Total
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1968 .....	40,363	12,468	3,905	10,379	6,662	40,010	4,924	118,711
1969 .....	50,862	15,525	2,859	10,294	3,282	61,667	4,685	149,174
1970 .....	82,101	24,078	5,893	22,399	7,166	82,702	8,266	232,605
1971 .....	64,329	15,333	2,442	19,223	9,894	76,355	6,997	194,573
1972 .....	44,545	28,083	2,161	15,184	8,708	70,157	6,399	175,237
1973 .....	61,436	31,440	2,264	11,285	5,047	61,996	8,313	181,781
1974 .....	56,112	19,776	5,743	30,996	3,662	43,933	5,600	165,822
1975 .....	66,181	43,731	2,564	83,918	9,659	73,878	6,270	286,201
1976 .....	42,737	12,480	1,437	22,217	6,518	39,154	6,782	131,325
1977 .....	32,822	41,178	1,707	29,893	11,424	66,627	6,282	189,933
1978 .....	81,348	39,699	3,585	32,187	10,189	65,933	6,267	239,208
1979 .....	65,225	48,385	4,651	43,746	17,365	69,229	5,715	254,316

<sup>1</sup> Marketing year beginning September.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 432.—Peas, wrinkled green seed: Production, by States, 1977-79

State	1977	1978	1979 <sup>1</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Idaho .....	207	775	704
Wash .....	340	439	435
Total .....	547	1,214	1,139

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 433.—Peas, dry edible: Area, yield, production, disposition, season average price per hundredweight received by farmers, and value, United States, 1965-79<sup>1</sup>**

Year	Area planted	Area harvested	Yield per harvested acre (cleaned)	Production (cleaned)	Used on farms where produced	Sold	Price	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1965 .....	182	174	1,742	3,031	51	2,980	4.21	12,757
1966 .....	184	175	1,447	2,532	45	2,487	4.55	11,516
1967 .....	185	176	1,456	2,563	53	2,510	4.42	11,318
1968 .....	191	181	1,507	2,727	78	2,649	4.72	12,865
1969 .....	242.0	232.0	1,610	3,736	95	3,641	4.31	16,101
1970 .....	279.9	256.9	1,290	3,315	47	3,268	4.17	13,805
1971 .....	213.7	202.7	1,939	3,930	48	3,882	3.47	13,632
1972 .....	148.0	135.1	1,557	2,103	43	2,060	5.47	11,494
1973 .....	146.6	136.4	1,221	1,665	21	1,644	17.80	29,672
1974 .....	220.0	213.0	1,515	3,228	38	3,190	11.40	36,917
1975 .....	196.5	188.5	1,449	2,731	21	2,710	7.83	21,376
1976 .....	130.0	125.0	1,720	2,150	23	2,127	11.30	24,377
1977 .....	173.0	167.0	613	1,023	19	1,004	13.90	14,184
1978 .....	204.0	202.0	1,783	3,601	15	3,586	8.04	28,958
1979 <sup>2</sup> .....	139.0	136.0	1,499	2,039	14	2,025	10.10	20,531

<sup>1</sup>Data are for the States in which dry edible and seed peas are grown commercially in material quantities and do not include cowpeas, Austrian winter peas or wrinkled seed peas.

<sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 434.—Peas, dry edible: Area, yield, and production, by States, 1977-79<sup>1</sup>**

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
Idaho .....	68.0	83.0	53.0	67	82	51	840	1,830	1,380	563	1,501	704
Wash .....	105.0	121.0	86.0	100	127	85	460	1,750	1,570	460	2,100	1,835
U.S. ....	173.0	204.0	139.0	167	202	136	613	1,783	1,499	1,023	3,601	2,039

<sup>1</sup>Excludes both wrinkled seed peas and Austrian winter peas.

<sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 435.—Peas, dry edible (cleaned basis): Production, by classes, United States, 1977-79<sup>1</sup>**

Class	1977	1978	1979 <sup>2</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Alaska and other smooth green kinds .....	810	2,686	1,760
White Canadas, First and Best, other smooth yellow and white kinds .....	213	915	279
<b>Total .....</b>	<b>1,023</b>	<b>3,601</b>	<b>2,039</b>

<sup>1</sup> Excludes both wrinkled seed peas and Austrian winter peas.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 436.—Peas, dry edible (cleaned basis): Production, disposition, and value, by States, crop of 1979 (preliminary)<sup>1</sup>**

State	Production	Used on farms where produced	Sold	Season average price per cwt.	Value of—	
					Production	Sales
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Idaho .....	704	2	702	10.20	7,181	7,160
Wash .....	1,335	12	1,323	10.00	13,350	13,230
<b>U.S. ....</b>	<b>2,039</b>	<b>14</b>	<b>2,025</b>	<b>10.10</b>	<b>20,531</b>	<b>20,390</b>

<sup>1</sup> Excludes both wrinkled seed peas and Austrian winter peas.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 437.—Peas, dry field: United States exports to specified countries, 1977-79**

Continent and country	1977	1978	1979	Continent and country	1977	1978	1979
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>North America:</b>				<b>Europe—Continued</b>			
Canada .....	5,083	2,887	5,356	Iceland .....	291	280	551
Mexico .....	700	629	302	Italy .....	1,649	1,851	1,832
Panama .....	431	593	340	Netherlands .....	927	200	4,478
Trinidad and Tobago .....	194	334	120	Norway .....	1,077	435	566
<b>Total .....</b>	<b>6,408</b>	<b>4,443</b>	<b>6,118</b>	Sweden .....	640	728	1,034
<b>South America:</b>				Switzerland .....	0	262	23
Brazil .....	1,476	491	7,391	United Kingdom .....	13,515	4,630	13,788
Colombia .....	7,791	2,300	11,322	<b>Total .....</b>	<b>19,615</b>	<b>9,730</b>	<b>23,616</b>
Peru .....	461	6	0	<b>Asia:</b>			
Surinam .....	581	359	811	Hong Kong .....	646	376	576
Venezuela .....	15,263	6,715	8,339	Israel .....	763	536	810
<b>Total .....</b>	<b>25,572</b>	<b>9,871</b>	<b>27,863</b>	Japan .....	7,166	4,086	7,375
<b>Europe:</b>				Philippines .....	1,271	715	832
Belgium and Luxembourg ....	443	183	0	<b>Total .....</b>	<b>9,846</b>	<b>5,713</b>	<b>9,593</b>
Denmark .....	157	198	457	<b>Other countries .....</b>	<b>25,014</b>	<b>15,618</b>	<b>30,095</b>
Germany, Fed. Rep. of .....	916	963	887	<b>Grand total .....</b>	<b>86,455</b>	<b>45,375</b>	<b>97,285</b>

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 438.—Peas, dry field: United States exports by class and quantity, 1968–79

Year <sup>1</sup>	All peas and lentils <sup>2</sup>	Seed	Alaska and smooth green	Yellow, white peas, and lentils <sup>3</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1968 .....	120,873	11,294	48,622	60,957
1969 .....	142,107	14,214	62,818	65,074
1970 .....	173,982	13,061	71,675	89,246
1971 .....	154,442	12,534	57,603	84,306
1972 .....	158,180	12,646	50,173	95,361
1973 .....	164,537	14,782	63,556	86,198
1974 .....	103,619	15,341	43,693	44,585
1975 .....	150,238	15,061	43,538	91,638
1976 .....	130,072	12,631	46,730	70,711
1977 .....	124,541	8,814	48,396	67,301
1978 .....	54,780	8,133	16,811	34,119
1979 .....	137,517	12,138	48,761	84,712

<sup>1</sup>Marketing year beginning September.<sup>2</sup>Includes dry peas, seed peas, cowpeas, garbanzos, lentils, Austrian winter peas, and blackeye and Mexican beans.<sup>3</sup>Includes cowpeas, garbanzos, Austrian winter peas, and blackeye and Mexican beans.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 439.—Hops: Area, yield, and production, by States, 1977–79

State	Area harvested			Yield per acre			Production <sup>1</sup>		
	1977	1978	1979 <sup>2,3</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Calif .....	1.5	1.5	1.2	1,630	1,360	1,290	2,445	2,040	1,548
Idaho .....	2.9	2.7	2.7	1,770	1,790	1,710	5,133	4,833	4,617
Oreg .....	5.5	5.4	5.6	1,690	1,510	1,540	9,295	8,154	8,624
Wash .....	20.6	21.3	22.3	1,840	1,880	1,800	37,904	40,044	40,140
U.S .....	30.5	30.9	31.8	1,796	1,782	1,727	54,777	55,071	54,929

<sup>1</sup>Total production. 1978 quantities available for market will be governed by regulations issued under Federal Market Order 991. In 1978, includes 215,000 pounds lost by fire.<sup>2</sup>Preliminary.<sup>3</sup>Does not include 100 acres left unharvested in Oregon.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 440.—Hops: Area, yield, production, farm disposition, value, and Sept. 1 stocks, United States, 1965-79

Year	Area Harvested	Yield per acre	Production <sup>1</sup>	Sales	Season average price per pound received by farmers	Value of production	Stocks Sept. 1
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1965 .....	32.7	1,714	56,060	56,060	46.1	25,865	22,140
1966 .....	32.2	1,726	55,568	55,290	46.2	25,654	24,710
1967 .....	29.8	1,661	49,498	44,948	45.9	22,701	27,480
1968 .....	28.4	1,540	43,733	42,775	47.2	20,659	26,770
1969 .....	27.0	1,547	41,763	41,763	51.0	21,305	27,860
1970 .....	27.7	1,656	45,863	45,863	56.0	25,681	27,950
1971 .....	28.9	1,718	49,663	49,663	65.9	32,743	30,120
1972 .....	29.7	1,728	51,309	51,180	71.4	36,631	28,770
1973 .....	31.4	1,744	54,769	54,769	75.7	41,457	30,280
1974 .....	32.4	1,759	56,979	56,928	79.8	45,486	33,720
1975 .....	32.1	1,742	55,913	55,737	83.0	46,419	42,170
1976 .....	30.9	1,870	57,774	57,774	84.8	48,982	50,400
1977 .....	30.5	1,796	54,777	54,777	89.6	49,095	50,480
1978 .....	30.9	1,782	55,071	54,856	90.1	49,500	47,540
1979 <sup>2</sup> .....	31.8	1,727	54,929	54,929	97.6	55,000	38,290

<sup>1</sup> Includes the following quantities not marketed because of economic conditions, fire losses, and/or provisions under terms of a marketing agreement (1,000 pounds): 278 in 1963; 4,550 in 1967; 958 in 1968; 129 in 1972; 51 in 1974; 176 in 1975; and 215 in 1978.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 441.—Hops: Production, disposition, and value, by States, crop of 1979 (preliminary)

State	Production <sup>1</sup>	Sold	Season average price per pound	Value <sup>1</sup> —	
				Production	Sales
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Calif .....	1,548	1,548	95.7	1,481	1,481
Idaho .....	4,617	4,617	96.4	4,451	4,451
Oreg .....	8,624	8,624	107.0	9,228	9,228
Wash .....	40,140	40,140	95.8	38,454	38,454
Total .....	54,929	54,929	97.6	53,614	53,614

<sup>1</sup> Quantities available for market will be governed by regulations issued under Federal Market Order 991.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 442.—Hops: United States exports by country of destination and imports by country of origin, 1976-78

Item and country	Year beginning September			Item and country	Year beginning September		
	1976	1977	1978		1976	1977	1978
<b>EXPORTS</b>				<b>EXPORTS —continued</b>			
Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Other countries:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Belgium and Luxembourg .....	29	.....	1	Cameroon .....	48	45	81
Czechoslovakia .....	248	.....	132	Canada .....	1,387	1,040	995
Germany, Fed. Rep. of .....	698	16	35	China, Taiwan .....	.....	70	213
Ireland .....	548	400	205	Japan .....	392	380	386
Italy .....	10	.....	.....	Malaysia .....	21	.....	.....
United Kingdom .....	223	105	156	Nigeria .....	90	166	28
Other countries .....	3	.....	35	South Africa .....	64	60	61
Total .....	1,759	521	564	Soviet Union .....	1,527	1,387	2,606
Latin America:				Other countries .....	18	164	88
Argentina .....	22	13	4	Total .....	3,547	3,312	4,408
Bolivia .....	65	66	73	Grand total .....	7,815	6,306	7,863
Brazil .....	1,423	1,870	1,937				
Chile .....	22	30	95				
Guatemala .....	53	8	30	<b>IMPORTS</b>			
Mexico .....	446	197	453	Australia .....	14	103	102
Peru .....	244	.....	43	Belgium and Luxembourg .....	9	9	9
Uruguay .....	30	18	15	Canada .....	6	127	44
Venezuela .....	100	38	62	Czechoslovakia .....	308	293	36
Other countries .....	40	140	107	France .....	182	163	145
Total .....	2,445	2,380	2,819	Germany, Fed. Rep. of .....	3,162	3,200	3,318
Bermuda and Caribbean:				Poland .....	.....	54	417
Dominican Republic .....	15	39	29	United Kingdom .....	216	.....	.....
Jamaica .....	30	34	37	Yugoslavia .....	810	800	987
Trinidad and Tobago .....	17	18	7	Other countries .....	9	4	4
Other countries .....	2	2	1	Total .....	4,716	4,753	5,062
Total .....	64	93	92				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 443.—Popcorn: Area, yield, production, season average price received by farmers, and value, United States, 1965-79<sup>1</sup>

Year	Area planted	Area harvested	Yield per acre <sup>2</sup>	Production <sup>2</sup>	Price per 100 pounds of ear corn <sup>2</sup>	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	214.4	205.3	2,525	518,447	2.95	15,293
1966 .....	218.1	207.1	2,418	500,793	2.95	14,772
1967 .....	182.5	161.9	2,687	434,942	3.01	13,071
1968 .....	197.6	185.3	2,517	466,348	2.79	13,002
1969 .....	192.0	182.6	2,996	547,115	2.54	13,870
1970 .....	147.3	136.5	2,447	333,974	2.52	8,405
1971 .....	178.9	173.7	3,246	563,850	3.25	18,321
1972 .....	174.1	157.0	3,339	524,111	3.07	16,109
1973 .....	154.3	148.8	3,303	491,418	3.75	18,436
1974 .....	198.5	188.7	2,731	515,400	6.80	35,040
1975 .....	232.2	224.2	2,420	542,668	9.25	50,198
1976 .....	214.9	207.8	2,925	607,832	8.84	53,752
1977 .....	160.8	154.8	2,788	431,610	8.78	37,880
1978 .....	144.9	141.1	2,828	399,010	8.44	33,668
1979 .....	187.0	179.3	2,992	536,551	9.17	49,196

<sup>1</sup> In principal commercial producing States.<sup>2</sup> Shelled corn basis; prior to 1973, ear corn basis.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 444.—Popcorn: Area, yield, and production, by States, 1977-79<sup>1</sup>

States	Area planted			Area harvested			Yield per harvested acre <sup>2</sup>			Production <sup>2</sup>		
	1977	1978	1979	1977	1978	1979	1977	1978	1979	1977	1978	1979
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Ill .....	9.5	11.9	17.0	9.1	11.6	16.2	2,590	2,030	2,950	23,570	23,550	47,790
Ind .....	44.0	45.0	51.0	43.0	44.0	50.0	2,750	3,000	2,950	118,250	132,000	147,500
Iowa .....	16.0	12.0	18.0	15.0	11.5	17.0	2,150	2,450	2,550	32,250	28,180	43,350
Kans .....	10.3	5.9	4.0	10.1	5.8	3.9	2,590	2,270	3,300	26,160	13,170	12,870
Ky .....	13.2	9.7	11.0	12.8	9.4	10.0	2,230	1,370	2,820	28,540	12,880	28,200
Mich .....	2.0	2.2	5.5	1.9	2.1	5.4	3,750	3,450	3,400	7,125	7,250	18,360
Mo .....	4.8	3.1	4.4	4.6	3.0	4.3	1,700	2,600	3,250	7,820	7,800	13,975
Nebr .....	44.0	39.0	58.0	42.0	38.0	55.0	3,250	3,400	3,100	136,500	129,200	170,500
Ohio .....	13.2	13.0	14.1	12.7	12.6	13.9	3,350	3,050	3,200	42,550	38,430	44,480
Other States <sup>3</sup> ..	3.8	3.1	4.0	3.6	3.1	3.6	2,457	2,113	2,646	8,845	6,550	9,526
U.S .....	160.8	144.9	187.0	154.8	141.1	179.3	2,788	2,828	2,992	431,610	399,010	536,551

<sup>1</sup>In principal commercial producing States.<sup>2</sup>Shelled corn basis.<sup>3</sup>Includes Alabama, Colorado, and Tennessee.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 445.—Popcorn: Production and value, by States, crop of 1979

State	Production	Season average price per cwt. shelled corn	Value of production <sup>1</sup>	State	Production	Season average price per cwt. shelled corn	Value of production <sup>1</sup>
	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Ill .....	47,790	8.80	4,206	Mo .....	13,975	8.90	1,244
Ind .....	147,500	10.90	16,078	Nebr .....	170,500	8.30	14,152
Iowa .....	43,350	8.30	3,598	Ohio .....	44,480	8.50	3,781
Kans .....	12,870	8.80	1,133	Other States <sup>2</sup> .....	9,526	8.84	842
Ky .....	28,200	8.90	2,510	U.S .....	536,551	9.17	49,196
Mich .....	18,360	9.00	1,652				

<sup>1</sup>Practically all production sold from farm.<sup>2</sup>Alabama, Colorado, and Tennessee.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## CHAPTER VII

# STATISTICS OF CATTLE, HOGS, AND SHEEP

This chapter contains information about most kinds of farm livestock and livestock products, with the exception of dairy and poultry. The information relates to inventories, production, disposition, prices, and income for farm animals, and to livestock slaughter (including horse slaughter), meat production, and market statistics for meat animals.

**Table 446.—All cattle and calves: Number and value, United States, Jan 1, 1965–80**

Year	Total number	Value		Year	Total number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965.....	109,000	113.00	12,359,756	1973.....	121,539	252.00	30,583,562
1966.....	108,862	133.00	14,422,853	1974.....	127,788	293.00	37,477,181
1967.....	108,783	149.00	16,211,800	1975.....	132,028	159.00	20,999,808
1968.....	109,371	148.00	16,240,574	1976.....	127,980	190.00	24,835,124
1969.....	110,015	158.00	17,389,737	1977.....	122,810	206.00	25,251,635
1970.....	112,369	179.00	20,160,430	1978.....	116,375	232.00	27,055,060
1971.....	114,578	184.00	21,112,904	1979.....	110,864	403.00	44,661,338
1972.....	117,862	208.00	24,519,645	1980 <sup>1</sup> .....	110,961	502.00	55,728,774

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 447.—All cattle and calves: Number, by classes, United States, Jan. 1, 1965–80**

Year	All cattle and calves	Cows and heifers that have calved		500 pounds and over					Under 500 pounds steers, heifers, and bulls
				Heifers			Steers	Bulls	
		Beef cows	Milk cows	Beef cow replacements	Milk cow replacements	Other			
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1965.....	109,000	33,400	15,380	5,700	4,780	5,980	14,050	2,180	27,530
1966.....	108,862	33,500	14,490	5,760	4,450	5,990	14,770	2,150	27,752
1967.....	108,783	33,770	13,725	5,900	4,215	6,100	14,780	2,155	28,138
1968.....	109,371	34,570	13,115	6,110	4,080	6,020	14,820	2,195	28,461
1969.....	110,015	35,490	12,550	6,150	3,990	5,930	14,905	2,220	28,780
1970.....	112,369	36,689	12,091	6,431	3,880	6,132	15,265	2,272	29,609
1971.....	114,578	37,878	11,909	6,664	3,843	6,113	15,610	2,328	30,235
1972.....	117,862	38,810	11,776	6,987	3,828	6,399	15,999	2,377	31,688
1973.....	121,539	40,932	11,622	7,434	3,872	6,432	16,553	2,467	32,229
1974.....	127,788	43,182	11,297	8,193	3,941	6,852	17,760	2,643	33,922
1975.....	132,028	45,712	11,220	8,884	4,087	6,518	16,333	2,985	36,291
1976.....	127,980	43,888	11,087	7,196	3,958	7,393	17,083	2,845	34,531
1977.....	122,810	41,389	11,035	6,529	3,888	8,057	16,885	2,665	32,363
1978.....	116,375	38,809	10,939	5,845	3,896	7,970	16,779	2,544	29,595
1979.....	110,864	37,003	10,839	5,517	3,936	7,433	16,321	2,401	27,413
1980 <sup>1</sup> .....	110,961	36,983	10,810	5,931	4,166	7,130	15,908	2,490	27,543

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 448.—All cattle and calves: Number and value, by States, Jan. 1, 1978-80

State	Number			Value					
				Value per head			Total value		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	<i>Thous-</i> <i>sands</i>	<i>Thous-</i> <i>sands</i>	<i>Thous-</i> <i>sands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Ala.....	2,130	1,820	1,730	160	300	435	340,800	546,000	752,550
Alaska.....	8.3	8.5	8.4	400	395	485	3,320	3,358	4,074
Ariz.....	1,135	1,200	1,050	240	385	465	272,400	462,000	488,250
Ark.....	2,120	2,000	2,000	185	345	450	392,200	690,000	900,000
Calif.....	4,430	4,700	4,550	285	510	605	1,262,550	2,397,000	2,752,750
Conn.....	3,180	3,090	2,975	235	415	510	747,800	1,282,350	1,517,250
Del.....	108	101	104	385	565	680	41,580	57,065	70,720
Fla.....	81	80	80	325	470	695	10,075	14,100	20,850
Ga.....	2,350	2,180	2,300	205	335	435	481,750	730,300	1,000,500
Hawail.....	1,975	1,650	1,600	180	305	420	355,500	503,250	672,000
Idaho.....	234	215	213	250	290	410	58,500	62,350	87,330
Ill.....	1,870	1,900	1,860	240	425	515	448,800	807,500	957,900
Ind.....	2,950	2,850	2,700	235	385	475	693,250	1,097,250	1,282,500
Iowa.....	2,025	1,750	1,850	245	395	495	496,125	691,250	915,750
Kans.....	7,800	7,300	7,150	235	405	505	1,833,000	2,956,500	3,610,750
Ky.....	6,000	6,200	6,100	220	365	455	1,320,000	2,263,000	2,775,500
La.....	3,120	2,600	2,700	210	370	485	655,200	962,000	1,309,500
Maine.....	1,425	1,350	1,300	185	325	465	263,625	438,750	604,500
Md.....	132	124	131	325	495	630	42,900	61,380	82,530
Mass.....	390	370	380	310	455	655	120,900	168,350	248,900
Mich.....	99	95	103	415	560	680	41,085	53,200	70,040
Minn.....	1,470	1,250	1,310	325	500	640	477,750	625,000	838,400
Miss.....	3,700	3,650	3,750	280	465	570	1,036,000	1,697,250	2,137,500
Mo.....	2,130	1,790	1,810	170	315	405	862,100	563,850	733,050
Mont.....	6,000	5,550	5,350	210	375	485	1,260,000	2,081,250	2,594,750
Nebr.....	2,680	2,607	2,645	240	455	510	643,200	1,186,185	1,348,950
Nev.....	6,500	6,450	6,400	240	410	495	1,560,000	2,644,500	3,168,000
N.H.....	570	560	580	220	400	455	125,400	224,000	263,900
N.J.....	114	68	70	355	430	650	26,270	32,640	45,500
N.Mex.....	1,550	1,500	1,600	370	535	765	42,180	57,780	76,500
N.Y.....	1,760	1,711	1,780	390	600	805	302,250	517,500	694,000
N.C.....	1,100	1,080	1,080	185	305	470	686,400	1,026,600	1,432,900
N.Dak.....	2,050	1,967	2,000	245	470	535	203,500	329,400	507,600
Ohio.....	2,025	1,850	1,925	270	445	570	502,250	924,490	1,070,000
Okla.....	5,900	5,800	5,500	200	355	445	546,750	823,250	1,097,250
Oreg.....	1,490	1,475	1,510	230	405	490	1,180,000	1,881,500	2,447,500
Pa.....	1,900	1,840	1,900	350	530	735	342,700	597,375	739,900
R.I.....	10.0	9.0	8.0	405	585	695	665,000	975,200	1,396,500
S.C.....	690	575	625	175	315	445	4,050	5,265	5,560
S.Dak.....	3,925	3,750	4,010	240	440	500	120,750	181,125	278,125
Tenn.....	2,700	2,350	2,300	185	340	470	942,000	1,650,000	2,005,000
Tex.....	14,500	13,900	13,200	185	345	405	499,500	799,000	1,081,000
Utah.....	864	810	840	280	405	500	2,682,500	4,795,500	5,346,000
Vt.....	336	320	340	405	600	760	198,720	328,050	420,000
Va.....	1,620	1,550	1,750	200	355	460	136,080	192,000	258,400
Wash.....	1,275	1,375	1,579	260	445	555	324,000	550,250	805,000
W.Va.....	550	535	545	185	330	440	331,500	611,875	876,345
Wis.....	4,100	4,100	4,280	380	580	710	101,750	176,550	239,800
Wyo.....	1,280	1,300	1,340	245	430	510	1,558,000	2,378,000	3,038,800
U.S.....	116,375	110,864	110,961	232	403	502	313,600	559,000	683,400
							27,055,060	44,661,338	55,723,774

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 449.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1979 and 1980

State	Cows and heifers that have calved				Heifers, 500 pounds and over					
	Beef cows		Milk cows		Beef cow replacements		Milk cow replacements		Other	
	1979	1980 <sup>1</sup>	1979	1980 <sup>1</sup>	1979	1980 <sup>1</sup>	1979	1980 <sup>1</sup>	1979	1980 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Ala.....	906	843	79	76	118	138	15	14	42	48
Alaska.....	2.2	2.4	1.3	1.1	.8	.7	.5	.5	.1	.1
Ariz.....	287	258	70	72	60	45	15	13	17	27
Ark.....	1,040	1,042	90	88	176	174	26	24	42	32
Calif.....	930	869	860	878	234	209	391	337	170	164
Colo.....	843	853	72	72	133	180	28	33	578	497
Conn.....	9	8	49	49	1	1	18	18	2	2
Del.....	3	3	12	12	1	1	3	3	2	2
Fla.....	1,149	1,173	189	184	146	179	38	35	41	41
Ga.....	731	750	129	127	104	107	33	40	64	38
Hawaii.....	78	83	13	13	15	16	8	7	17	16
Idaho.....	584	648	141	142	118	97	87	84	123	134
Ill.....	747	699	236	235	100	89	100	100	388	337
Ind.....	482	515	202	200	70	65	84	85	185	165
Iowa.....	1,684	1,746	374	372	163	186	126	143	1,110	980
Kans.....	1,760	1,714	130	122	223	232	37	37	651	653
Ky.....	1,070	1,106	265	244	156	162	81	108	88	68
La.....	703	674	127	116	108	94	33	36	30	36
Maine.....	8	12	57	57	4	3	21	21	1	3
Md.....	59	65	134	130	14	15	41	42	12	12
Mass.....	9	10	46	44	3	3	15	16	1	1
Mich.....	138	140	402	400	19	25	149	193	55	39
Minn.....	530	560	850	860	93	105	333	390	260	245
Miss.....	950	901	103	99	125	146	26	31	21	27
Mo.....	2,284	2,270	276	270	297	277	100	102	252	224
Mont.....	1,453	1,427	27	28	257	275	8	11	91	111
Nebr.....	1,980	1,950	120	120	277	288	32	36	909	813
Nev.....	280	295	15	15	46	50	8	8	15	14
N.H.....	4	6	30	30	1	2	12	11	1	1
N.J.....	15	12	43	41	5	3	14	15	3	2
N. Mex.....	602	630	33	35	75	114	8	8	78	105
N.Y.....	75	85	904	912	17	27	339	356	41	36
N.C.....	402	404	143	141	90	88	38	41	33	31
N. Dak.....	962	962	96	93	121	140	22	22	81	70
Ohio.....	388	430	382	380	78	73	163	151	70	79
Okla.....	2,138	2,160	112	110	245	300	20	35	265	325
Oreg.....	597	646	93	94	109	125	31	37	89	76
Pa.....	171	175	703	712	42	46	230	266	59	51
R.I.....	1	1	5	4	0	0	1	1	0	0
S.C.....	254	284	51	50	46	49	13	16	12	13
S. Dak.....	1,391	1,520	169	165	186	208	39	48	210	209
Tenn.....	1,050	948	210	214	165	230	66	80	54	55
Tex.....	5,890	5,585	310	315	840	910	90	90	960	1,000
Utah.....	312	303	77	75	43	59	37	46	33	36
Vt.....	10	13	189	187	2	3	60	68	2	2
Va.....	738	710	172	170	85	89	77	88	48	54
Wash.....	383	383	190	195	76	65	90	68	81	104
W. Va.....	28	241	37	37	58	51	13	13	12	13
Wis.....	228	248	1,810	1,813	62	55	713	735	82	85
Wyo.....	613	621	11	11	109	131	3	3	52	54
U.S.....	37,003	36,983	10,839	10,810	5,517	5,931	3,936	4,166	7,433	7,130

See footnotes at end of table.

Table 449.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1979 and 1980—Continued

State	Steers, 500 pounds and over		Bulls, 500 pounds and over		Steers, heifers, and bulls under 500 pounds	
	1979	1980 <sup>1</sup>	1979	1980 <sup>1</sup>	1979	1980 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala.....	102	80	58	64	500	467
Alaska.....	.4	.4	1.2	1.3	2.0	1.9
Ariz.....	504	420	25	24	222	191
Ark.....	80	74	66	66	480	500
Calif.....	1,085	1,001	69	73	961	1,019
Colo.....	735	711	46	54	655	575
Conn.....	2	2	2	2	18	22
Del.....	3	3	1	1	5	5
Fla.....	100	106	76	87	441	495
Ga.....	99	66	43	51	447	421
Hawaii.....	25	25	7	7	52	46
Idaho.....	275	279	37	39	535	437
Ill.....	547	494	48	49	684	697
Ind.....	282	292	37	38	408	490
Iowa.....	1,828	1,618	89	100	1,926	2,005
Kans.....	1,737	1,683	99	91	1,563	1,568
Ky.....	213	221	73	75	654	716
La.....	52	42	43	42	254	260
Maine.....	4	2	2	2	27	31
Md.....	33	32	8	9	69	75
Mass.....	2	3	2	2	17	24
Mich.....	187	181	19	22	281	310
Minn.....	637	640	44	50	903	900
Miss.....	50	58	59	60	456	488
Mo.....	633	514	123	118	1,585	1,575
Mont.....	135	127	86	87	550	579
Nebr.....	1,452	1,485	103	108	1,577	1,600
Nev.....	35	33	15	16	146	149
N.H.....	3	3	1	1	16	16
N.J.....	6	6	3	2	19	19
N. Mex.....	184	224	40	46	480	438
N.Y.....	22	28	22	23	291	313
N.C.....	65	64	33	33	276	278
N. Dak.....	142	143	49	50	494	520
Ohio.....	296	287	35	43	438	482
Okla.....	800	900	120	130	1,600	1,540
Oreg.....	171	136	35	42	350	354
Pa.....	230	238	41	38	364	374
R.I.....	0	0	0	0	2	2
S.C.....	35	36	20	23	144	154
S. Dak.....	428	377	71	80	1,256	1,403
Tenn.....	132	115	57	60	616	598
Tex.....	2,050	2,010	410	390	3,350	2,900
Utah.....	79	80	18	18	211	223
Vt.....	2	3	4	4	51	60
Va.....	155	165	35	40	390	434
Wash.....	240	369	28	29	290	366
W. Va.....	45	45	19	17	118	128
Wis.....	291	366	41	43	873	935
Wyo.....	108	121	38	40	366	359
U.S.....	16,321	15,908	2,401	2,490	27,413	27,543

<sup>1</sup> Preliminary.

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Table 450.—Cattle and buffalo: Number in specified countries, 1978-80<sup>1</sup>

Continent and country	1978	1979	1980 <sup>2</sup>	Continent and country	1978	1979	1980 <sup>2</sup>
	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>		<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>
	<i>sands</i>	<i>sands</i>	<i>sands</i>		<i>sands</i>	<i>sands</i>	<i>sands</i>
North America:				Europe—Con.			
Canada .....	12,870	12,328	12,400	Bulgaria .....	1,735	1,762	1,785
Costa Rica .....	2,002	2,069	2,165	Czechoslovakia .....	4,758	4,887	4,900
Dominican Republic .....	2,050	2,150	2,153	German Dem. Rep .....	5,549	5,572	5,600
El Salvador .....	1,236	1,294	1,354	Hungary .....	1,949	1,966	1,953
Guatemala .....	2,417	2,580	2,700	Poland .....	12,859	12,409	12,360
Honduras .....	1,888	1,983	2,218	Romania .....	6,306	6,511	6,600
Mexico .....	29,700	29,320	29,500	Yugoslavia .....	5,242	5,491	5,351
Nicaragua .....	2,774	2,846	2,604	Total Eastern Europe ...	37,898	38,598	38,549
Panama .....	1,895	1,454	1,537	Total Europe .....	180,951	182,223	182,634
United States <sup>3</sup> .....	116,375	110,864	110,961	Soviet Union .....	112,690	114,086	115,000
Total .....	172,657	166,888	167,592	Africa:			
South America:				South Africa .....	13,135	13,319	12,961
Argentina .....	61,825	60,174	59,245	Total .....	13,135	13,319	12,961
Brazil .....	89,000	90,000	93,000	Asia:			
Chile .....	3,492	3,550	3,600	China, Taiwan .....	250	260	275
Colombia .....	25,218	26,137	27,151	India .....	242,690	242,500	241,000
Peru .....	4,350	4,100	4,000	Iran .....	7,500	7,800	7,200
Ecuador .....	2,767	2,532	2,231	Israel .....	324	280	251
Uruguay .....	9,424	9,613	10,515	Japan .....	4,009	4,120	4,260
Venezuela .....	9,951	10,160	10,363	Korea, Rep. of .....	1,618	1,787	2,008
Total .....	206,027	206,266	210,105	Philippines .....	4,779	4,653	4,646
Europe:				Turkey .....	15,552	15,964	16,200
Belgium-Luxembourg .....	3,030	3,085	3,050	Total .....	276,722	277,364	275,835
Denmark .....	3,055	3,052	2,944	Oceania:			
France .....	23,860	23,490	23,834	Australia .....	29,379	27,107	26,100
Germany, Fed. Rep. of .....	14,763	15,007	15,035	New Zealand .....	8,418	8,147	8,150
Ireland .....	6,246	6,132	6,250	Total .....	37,797	35,254	34,250
Italy .....	8,568	8,724	8,850	Total selected			
Netherlands .....	4,673	4,797	4,700	countries .....	949,979	946,400	948,377
United Kingdom .....	13,523	13,498	13,550				
Total EC .....	77,218	77,780	78,213				
Austria .....	2,547	2,594	2,580				
Finland .....	1,657	1,644	1,644				
Greece .....	1,035	973	950				
Norway .....	964	985	1,002				
Portugal .....	1,115	1,050	1,110				
Spain .....	4,601	4,650	4,625				
Sweden .....	1,892	1,911	1,923				
Switzerland .....	2,024	2,038	2,038				
Total Western Europe ...	93,053	93,625	94,085				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

<sup>3</sup> 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

## FOOTNOTES FOR TABLE 454

<sup>1</sup> Calves born during the year.

<sup>2</sup> Excludes interfarm sales.

<sup>3</sup> Includes cattle shipped in from other States and from central markets, but excludes cattle for immediate slaughter.

<sup>4</sup> Beginning 1966, farm slaughter excludes animals custom slaughtered for farmers at commercial establishments.

<sup>5</sup> Cattle and calves combined beginning 1967.

<sup>6</sup> Preliminary.

<sup>7</sup> Adjustments were made for cattle shipped in and changes in inventory.

<sup>8</sup> Receipts from marketings and sale of farm slaughter.

<sup>9</sup> "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

<sup>10</sup> Discontinued.

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Table 451.—Calf crop: Cows and heifers that have calved and calves born, by States, 1978 and 1979

State	Cows and heifers that have calved				Calves born	
	Jan. 1		July 1			
	1978	1979 <sup>1</sup>	1978	1979 <sup>1</sup>	1978	1979 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala.....	1,100	985	1,010	929	950	850
Alaska.....	3.9	3.5	.....	.....	3.0	2.6
Ariz.....	365	357	387	345	285	265
Ark.....	1,170	1,130	1,110	1,130	1,070	980
Calif.....	1,812	1,790	1,690	1,755	1,570	1,530
Colo.....	929	915	840	855	780	790
Conn.....	60	58	.....	.....	49	54
Del.....	17	15	.....	.....	13	13
Fla.....	1,410	1,338	1,357	1,380	1,060	1,060
Ga.....	968	860	898	927	760	780
Hawaii.....	93	91	.....	.....	64	66
Idaho.....	700	725	735	735	710	710
Ill.....	973	983	994	986	900	870
Ind.....	780	684	711	670	655	640
Iowa.....	2,180	2,058	2,088	2,020	2,030	1,950
Kans.....	1,800	1,890	1,788	1,840	1,730	1,680
Ky.....	1,530	1,335	1,350	1,260	1,270	1,180
La.....	856	830	880	790	689	620
Maine.....	68	65	.....	.....	54	55
Md.....	193	193	.....	.....	180	186
Mass.....	59	55	.....	.....	47	47
Mich.....	600	540	570	540	510	470
Minn.....	1,400	1,380	1,380	1,400	1,280	1,330
Miss.....	1,210	1,053	1,179	1,010	1,010	870
Mo.....	2,700	2,560	2,640	2,550	2,450	2,430
Mont.....	1,436	1,480	1,535	1,580	1,443	1,490
Nebr.....	2,160	2,100	2,080	2,040	1,960	1,900
Nev.....	300	295	.....	.....	235	250
N.H.....	37	34	.....	.....	32	33
N.J.....	61	58	.....	.....	50	46
N. Mex.....	651	635	630	670	560	580
N.Y.....	1,000	979	981	970	910	920
N.C.....	561	545	.....	.....	491	470
N. Dak.....	1,080	1,058	1,127	1,109	1,050	1,040
Ohio.....	853	770	780	780	750	720
Okla.....	2,300	2,250	2,300	2,300	2,000	2,000
Oreg.....	715	690	720	733	630	636
Pa.....	902	874	869	877	770	760
R.I.....	6.0	6.0	.....	.....	5.0	4.0
S.C.....	362	305	.....	.....	260	270
S. Dak.....	1,638	1,560	1,669	1,793	1,590	1,710
Tenn.....	1,360	1,260	1,330	1,250	1,160	1,030
Tex.....	6,550	6,200	6,200	5,800	5,300	4,900
Utah.....	397	389	.....	.....	350	310
Vt.....	207	199	.....	.....	170	184
Va.....	750	760	815	847	668	745
Wash.....	540	570	557	562	491	510
W. Va.....	280	270	.....	.....	250	250
Wis.....	2,030	2,038	2,030	2,027	1,990	1,985
Wyo.....	595	624	655	640	605	580
34 States.....	.....	.....	45,885	45,100	.....	.....
16 Other States <sup>2</sup> .....	.....	.....	2,592	2,640	.....	.....
U.S.....	49,748	47,843	48,477	47,740	43,839	42,752

<sup>1</sup> Preliminary.<sup>2</sup> Individual State estimates not available for July 1.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 452.—Cattle and calves: Number on feed, by States, by quarters, 1979 and 1980<sup>1</sup>

State	1979				1980	
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ariz .....	490	380	363	340	420	324
Calif .....	796	623	709	765	764	552
Colo .....	1,080	925	880	840	960	700
Idaho .....	224	245	218	217	260	239
Ill .....	510	480	400	340	460	470
Ind .....	280	270	210	180	250	235
Iowa .....	1,620	1,430	1,180	1,100	1,390	1,335
Kans .....	1,440	1,260	1,290	1,190	1,270	1,125
Mich .....	180	165	145	130	165	150
Minn .....	400	340	320	265	390	400
Mo .....	180	140	95	85	120	85
Mont .....	80	58	48	32	57	49
Nebr .....	1,800	1,590	1,380	1,400	1,680	1,400
N. Mex .....	202	186	159	187	239	194
N. Dak .....	34	22	33	30	39	42
Ohio .....	225	195	150	125	180	165
Okla .....	345	290	270	298	330	280
Oreg .....	75	67	65	59	73	53
Pa .....	86	72	57	50	79	68
S. Dak .....	340	315	300	265	350	345
Tex .....	2,000	1,740	1,760	1,780	1,970	1,720
Wash .....	188	179	178	165	155	152
Wis .....	106	102	99	95	112	120
23 States .....	12,681	11,074	10,309	9,938	11,713	10,203
Ala .....	33	.....	.....	.....	27	.....
Ark .....	19	.....	.....	.....	13	.....
Fla .....	65	.....	.....	.....	60	.....
Ga .....	80	.....	.....	.....	50	.....
Hawaii .....	11	.....	.....	.....	11	.....
Ky .....	45	.....	.....	.....	30	.....
La .....	13	.....	.....	.....	11	.....
Md .....	20	.....	.....	.....	19	.....
Miss .....	13	.....	.....	.....	15	.....
Nev .....	17	.....	.....	.....	20	.....
N.J. ....	4	.....	.....	.....	2	.....
N.Y. ....	11	.....	.....	.....	8	.....
N.C. ....	30	.....	.....	.....	30	.....
S.C. ....	25	.....	.....	.....	23	.....
Tenn .....	27	.....	.....	.....	15	.....
Utah .....	55	.....	.....	.....	60	.....
Va .....	43	.....	.....	.....	50	.....
W. Va .....	10	.....	.....	.....	11	.....
Wyo .....	60	.....	.....	.....	52	.....
Other States .....	3	.....	.....	.....	3	.....
U.S. ....	13,265	.....	.....	.....	12,223	.....

<sup>1</sup> Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. Data not available for all States in quarters where no figures are shown.

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Table 453.—Cattle and calves: Number on feed, United States, Jan. 1, 1965–80<sup>1</sup>

Year	Number	Year	Number	Year	Number	Year	Number
	<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>
1965 .....	9,979	1969 .....	12,534	1973 .....	14,432	1977 .....	12,580
1966 .....	10,582	1970 .....	13,190	1974 .....	13,643	1978 .....	13,469
1967 .....	11,268	1971 .....	12,770	1975 .....	10,170	1979 .....	13,265
1968 .....	11,417	1972 .....	13,912	1976 .....	12,941	1980 <sup>2</sup> .....	12,223

<sup>1</sup> Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. For 1965–71, data shown are for 39 States—the 23 shown in table 452 plus Maryland, New York, Nevada, Utah, Wyoming, and 11 southeastern States. From 1972 to date, data are for United States.

<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 454.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1965-79

Year	Calf crop <sup>1</sup>	Death loss		Marketings <sup>2</sup>		Cattle shipped in for feeding and breeding <sup>3</sup>	Farm slaughter <sup>4</sup>	
		Cattle	Calves	Cattle	Calves		Cattle	Calves
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
1965 .....	43,928	1,641	2,607	43,482	12,603	17,464	828	368
1966 .....	43,537	1,625	2,424	45,038	12,488	18,624	449	216
1967 .....	43,803	1,533	2,512	44,781	12,365	18,597	<sup>5</sup> 622	
1968 .....	44,315	1,527	2,485	45,860	12,742	19,509	568	
1969 .....	45,177	1,532	2,591	45,559	12,598	19,942	486	
1970 .....	45,871	1,583	2,714	46,926	12,036	20,059	462	
1971 .....	46,738	1,634	2,808	49,143	12,086	22,673	456	
1972 .....	47,682	1,780	3,346	51,043	12,164	24,831	503	
1973 .....	49,194	2,099	4,388	48,369	11,652	24,133	570	
1974 .....	50,873	2,006	4,104	48,383	9,514	18,103	729	
1975 .....	50,183	2,396	4,596	54,331	12,253	20,095	750	
1976 .....	47,440	1,821	3,369	55,410	12,525	21,238	722	
1977 .....	46,088	2,000	4,000	56,342	12,722	23,241	700	
1978 .....	43,839	1,940	3,860	54,622	11,952	23,573	550	
1979 <sup>6</sup> .....	42,752	1,900	3,700	48,068	10,193	21,637	430	

  

Year	Quantity produced (live weight) <sup>7</sup>	Value of production <sup>7</sup>	Cash receipts from sales of cattle, calves, beef, and veal <sup>8</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>9</sup>	Cost of cattle shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
							Cattle	Calves
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1965 .....	34,002,808	6,751,957	8,941,775	161,277	9,103,052	2,392,942	19.90	22.00
1966 .....	34,949,625	7,858,674	10,429,677	185,727	10,615,404	2,948,732	22.20	26.00
1967 .....	36,122,064	8,128,910	10,549,863	175,841	10,725,704	2,882,564	22.30	26.30
1968 .....	36,530,247	8,622,297	11,263,932	183,393	11,447,325	3,125,355	23.40	27.60
1969 .....	37,146,953	9,871,130	12,573,321	207,307	12,780,628	3,624,109	26.20	31.60
1970 .....	39,421,123	10,915,510	13,691,776	242,920	13,934,696	<sup>(10)</sup>	27.10	34.50
1971 .....	39,434,379	11,631,478	14,985,864	260,669	15,246,533	.....	29.00	36.40
1972 .....	41,225,193	14,166,979	18,236,654	342,486	18,579,140	.....	33.50	44.70
1973 .....	41,231,445	18,138,977	22,336,212	477,818	22,814,030	.....	42.80	56.60
1974 .....	42,760,575	14,905,532	17,843,774	505,841	18,349,615	.....	35.60	35.20
1975 .....	40,878,134	12,800,056	17,524,133	458,255	17,982,388	.....	32.30	27.20
1976 .....	41,368,299	13,818,232	19,301,613	501,633	19,803,246	.....	33.70	34.20
1977 .....	40,829,023	14,010,710	20,221,533	482,314	20,703,847	.....	34.50	36.90
1978 .....	39,766,559	19,457,920	28,204,720	543,380	28,748,100	.....	48.50	59.00
1979 <sup>6</sup> .....	38,936,694	26,292,362	34,848,727	656,535	35,505,262	.....	66.00	88.80

See footnotes on page 304.

Table 455.—Cattle: Average price per 100 pounds, by grades, at Omaha, 1965-79

Year	Steers <sup>1</sup>			Heifers <sup>1</sup>			Cows <sup>2</sup>	
	Prime	Choice	Good	Prime	Choice	Good	Commercial	Utility
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1965 .....	26.01	24.99	22.60	25.13	24.12	21.74	15.07	14.44
1966 .....	26.66	25.71	24.00	25.76	24.83	22.85	18.44	17.83
1967 .....	26.10	25.29	23.74	25.40	24.62	22.80	17.22	17.22
1968 .....	27.73	26.87	24.79	26.89	25.96	23.89	17.65	17.94
1969 .....	30.62	29.45	27.14	29.56	28.53	26.13	19.89	20.23
1970 .....	30.22	29.36	27.04	29.42	28.51	26.42	20.94	21.32
1971 .....	33.38	32.89	29.38	32.54	31.46	28.52	21.21	21.62
1972 .....	36.67	35.78	33.43	35.60	34.72	32.24	24.36	26.21
1973 .....	45.61	44.54	42.01	44.25	43.11	40.43	32.90	32.82
1974 .....	43.13	41.89	38.71	42.11	40.97	38.00	25.45	25.56
1975 .....	.....	44.61	39.45	.....	43.12	37.60	21.63	21.09
1976 .....	.....	39.11	35.87	.....	37.98	34.10	26.08	25.31
1977 .....	.....	40.38	36.70	.....	38.96	35.20	26.11	25.32
1978 .....	.....	52.34	47.98	.....	50.30	46.11	37.80	36.78
1979 .....	.....	67.67	63.05	.....	65.91	61.47	50.06	50.10

See footnotes on page 311.

Table 456.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1979 (preliminary)

State	Marketings <sup>1</sup>		Cattle shipped in for feeding and breeding	farm slaughter of cattle and calves <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production	Cash receipts from sales of cattle, calves, beef, and veal <sup>4</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>5</sup>
	Cattle	Calves							
Ala.....	1,000 head 620	1,000 head 243	1,000 head 10	1,000 head 7	1,000 pounds 626,935	1,000 dollars 409,365	1,000 dollars 432,819	1,000 dollars 16,369	1,000 dollars 449,188
Alaska.....									
Ariz.....	955	89	.....	.....	1,170	622	443	242	685
Ark.....	562	307	690	9	546,485	365,632	682,931	2,504	685,435
Calif.....	2,547	279	1,455	11	612,030	430,963	418,658	16,954	435,612
Colo.....	2,933	129	2,307	19	1,620,160	1,075,076	1,836,034	19,274	1,855,308
Conn.....	18	28	.....	5	1,641,340	1,120,273	2,154,502	9,456	2,163,958
Del.....	6	3	.....	1	22,760	13,779	14,922	1,186	15,508
Fla.....	298	623	.....	3	8,570	5,062	4,104	962	5,066
Ga.....	392	372	76	3	575,920	453,915	422,199	5,327	427,526
Hawaii.....	56	4	.....	5	482,660	309,898	310,407	7,885	318,292
Idaho.....	56	181	1	1	56,990	29,127	28,139	870	29,009
Ill.....	1,383	111	385	11	778,750	523,277	662,073	18,548	680,621
Ind.....	3,929	13	625	8	964,690	625,072	994,963	23,273	967,656
Iowa.....	3,929	140	210	6	565,730	367,498	402,728	13,702	416,430
Kans.....	3,964	56	2,490	11	2,539,530	1,680,795	2,776,371	33,851	2,810,752
Ky.....	626	363	58	7	2,532,610	1,719,632	2,982,779	14,676	3,007,464
La.....	281	317	.....	10	712,465	484,391	465,129	17,067	472,196
Maine.....	21	25	.....	1	385,620	236,332	246,325	13,520	259,645
Md.....	79	85	5	1	26,310	14,634	10,764	3,373	14,137
Mass.....	13	18	9	1	102,805	64,529	61,147	3,381	64,528
Mich.....	525	82	309	10	19,010	11,563	8,727	1,520	10,247
Minn.....	1,463	141	647	13	473,763	283,790	388,009	17,386	375,395
Miss.....	389	397	35	6	1,298,190	770,878	946,153	20,918	967,071
Mo.....	1,828	601	40	16	453,090	315,436	318,882	8,345	327,227
Mont.....	802	140	167	10	1,941,740	1,324,974	1,406,934	29,826	1,436,760
Nebr.....	4,267	97	2,700	3	832,185	646,595	700,097	11,492	711,589
Nev.....	146	140	.....	5	2,836,410	1,894,732	3,097,602	8,951	3,106,553
N.H.....	11	16	40	1	178,775	121,986	123,086	4,441	127,529
N.J.....	25	25	1	1	16,410	8,969	6,758	1,493	8,251
N.Mex.....	1,218	91	4	6	36,825	17,115	20,677	2,390	23,007
N.Y.....	194	543	900	10	639,090	446,324	763,463	6,665	770,118
N.C.....	217	196	20	8	333,580	202,883	172,430	10,105	182,535
N.Dak.....	587	349	53	9	277,720	175,031	169,319	7,918	177,237
Ohio.....	604	100	165	8	740,460	529,045	625,237	12,629	537,866
Okl.....	2,695	217	1,400	8	615,395	389,061	402,728	18,761	421,489
Oreg.....	483	250	213	25	2,070,965	1,461,511	1,822,349	23,414	1,845,763
					556,120	360,813	384,478	27,966	422,464



Pa	398	261	95	21	489,940	308,952	284,034	27,607	321,641
R.I.	1.8	2.6	.3	.3	844	534	1,129	181	1,310
S.C.	105	99	12	5	170,760	116,158	91,906	6,107	98,013
S.Dak	1,501	240	470	4	1,625,190	1,143,247	1,173,493	19,831	1,193,324
Tenn	673	338	64	3	600,625	364,113	411,598	6,086	417,684
Texas	7,267	464	2,700	19	5,059,010	3,466,083	4,870,123	24,412	4,894,535
Utah	189	86	50	7	220,835	150,829	154,189	7,828	162,017
Vt.	62	84	5	2	83,465	49,499	41,813	2,955	44,768
Wa.	284	182	15	11	506,390	318,426	215,702	12,237	227,939
Wash	441	77	368	58	458,670	309,470	329,645	58,383	388,028
W.Va	104	92	3	13	135,310	81,637	63,306	15,557	78,863
Wis	637	916	95	22	1,002,900	671,663	595,214	35,291	630,505
Wyo	799	91	430	2	489,585	356,703	522,904	3,641	526,545
U.S.	48,068	10,193	21,637	430	38,936,694	26,292,862	34,848,727	656,535	35,505,282

<sup>1</sup>Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State.

<sup>2</sup>Excludes custom slaughter for farmers at commercial establishments.

<sup>3</sup>Adjustment made for changes in inventory and for inshipments.

<sup>4</sup>Includes receipts from marketings and sales of farm-slaughtered meat.

<sup>5</sup>Includes cash receipts from sales of cattle, calves, and beef and veal plus value of cattle and calves slaughtered for home consumption.

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Table 457.—Cattle and calves: Receipts at selected public stockyards, 1965-79<sup>1</sup>

Year	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting <sup>2,3</sup>
Cattle											
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1965	1,524	799	282	1,175	2,083	736	807	1,190	1,390	7,729	17,715
1966	1,378	520	236	1,067	2,019	679	790	1,204	1,279	7,301	16,473
1967	1,285	208	210	945	1,849	621	789	1,238	1,214	8,214	16,573
1968	1,148	157	195	841	1,675	563	805	1,253	1,205	8,864	16,706
1969	1,080	109	170	717	1,419	492	781	1,125	982	8,435	15,310
1970	923	61	141	600	1,322	422	709	953	934	9,490	15,555
1971	420	35	121	515	1,240	399	427	899	758	8,670	13,484
1972		16	122	437	1,165	360	373	916	748	9,141	13,278
1973		( <sup>2</sup> )	130	396	1,086	308	337	855	814	8,792	12,718
1974			130	434	1,230	355	347	980	943	8,580	12,999
1975			190	522	1,227	418	399	1,178	1,029	10,304	15,267
1976			123	384	1,089	424	323	1,112	946	9,538	13,939
1977			139	352	1,092	390	296	846	765	9,687	13,567
1978			108	313	829	358	252	754	707	8,271	11,592
1979			63	296	721	268	200	645	693	7,306	10,192
Calves											
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1965	4	57	105	109	87	61	17	351	165	1,533	2,489
1966	3	40	112	83	76	41	18	305	163	1,294	2,135
1967	2	38	122	77	80	33	24	313	156	1,115	1,960
1968	1	47	121	78	56	31	22	256	123	858	1,593
1969		32	122	60	40	33	23	199	78	873	1,460
1970		8	110	52	34	33	26	140	39	747	1,189
1971		4	102	49	23	22	30	125	47	664	1,066
1972		3	96	61	12	15	30	126	27	571	941
1973		( <sup>2</sup> )	84	48	14	10	22	107	.....	539	824
1974			82	39	32	16	21	105	.....	342	637
1975			90	53	27	19	11	136	.....	414	750
1976			81	32	24	13	8	156	.....	419	733
1977			73	27	( <sup>2</sup> )	11	5	113	.....	402	631
1978			54	45	.....	9	5	85	.....	126	324
1979			31	( <sup>2</sup> )	.....	5	5	70	.....	82	193

<sup>1</sup>Total rail and truck receipts unloaded at public stockyards. Saleable receipts 1978 on. <sup>2</sup>Rounded totals of the complete figures. <sup>3</sup>The number of stockyards varies from 23 to 46. <sup>4</sup>Market closed Aug. 1, 1971. <sup>5</sup>Data no longer reported. <sup>6</sup>Cattle and calves combined in 1977. <sup>7</sup>Cattle and calves combined in 1979.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 458.—Cattle and calves: Number slaughtered, United States, 1965-79

Year	Cattle slaughter					Calf slaughter				
	Commercial			Farm	Total	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>			Federally inspected	Other	Total <sup>1</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1965	26,614	5,733	32,347	828	33,175	5,076	2,344	7,420	368	7,788
1966 <sup>2</sup>	27,319	6,408	33,727	449	34,176	4,432	2,215	6,647	216	6,863
1967	27,780	6,089	33,869	430	34,299	4,002	1,917	5,919	192	6,111
1968	29,592	5,434	35,026	394	35,420	3,876	1,567	5,443	174	5,617
1969	30,537	4,700	35,237	338	35,575	3,637	1,226	4,863	148	5,011
1970	30,793	4,232	35,025	331	35,356	3,024	1,048	4,072	131	4,203
1971	31,419	4,166	35,585	320	35,905	2,806	883	3,689	136	3,825
1972	32,267	3,512	35,779	355	36,134	2,421	632	3,053	148	3,201
1973	30,521	3,166	33,687	415	34,102	1,808	441	2,249	155	2,404
1974	33,319	3,493	36,812	541	37,353	2,355	632	2,987	188	3,175
1975	36,904	4,008	40,911	553	41,464	3,894	1,316	5,209	197	5,406
1976	38,992	3,663	42,654	545	43,199	4,438	912	5,350	177	5,527
1977	38,717	3,139	41,856	525	42,381	4,696	821	5,517	175	5,692
1978	36,948	2,605	39,552	418	39,970	3,620	550	4,170	132	4,302
1979	31,504	2,174	33,678	327	34,005	2,499	325	2,824	103	2,927

See footnotes on page 311.

Table 459.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughters (live weight), 1965–79

Year	Cattle			Calves		
	Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds
	<i>Thousands</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Dollars</i>
1965 .....	26,614	1,016	21.37	5,076	203	20.99
1966 .....	27,319	1,031	23.34	4,432	201	25.51
1967 .....	27,780	1,039	23.43	4,002	191	25.94
1968 .....	29,592	1,030	24.63	3,876	195	27.40
1969 .....	30,537	1,030	27.25	3,637	197	30.91
1970 .....	30,793	1,049	27.79	3,024	199	33.06
1971 .....	31,419	1,040	30.05	2,806	206	34.56
1972 .....	32,267	1,048	33.50	2,421	210	41.67
1973 .....	30,521	1,054	42.10	1,808	207	52.17
1974 .....	33,319	1,052	39.37	2,355	211	37.88
1975 .....	36,904	1,009	38.08	3,894	227	28.53
1976 .....	38,992	1,030	36.33	4,438	223	34.43
1977 .....	38,717	1,033	( <sup>1</sup> )	4,696	207	( <sup>1</sup> )
1978 .....	36,948	1,043	.....	3,620	206	.....
1979 .....	31,504	1,068	.....	2,499	210	.....

<sup>1</sup> Discontinued as of January 1977.

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Table 460.—Cattle: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1965–79

Year	Number					Percentage of total				
	Steers	Cows and heifers			Bulls and stags	Steers	Cows and heifers			Bulls and stags
		Cows	Heifers	Total			Cows	Heifers	Total	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1965 .....	13,486	6,646	6,066	12,712	415	50.7	25.0	22.8	47.8	1.5
1966 .....	13,844	6,120	6,935	13,055	420	50.7	22.4	25.4	47.8	1.5
1967 .....	14,681	5,540	7,174	12,714	385	52.8	20.0	25.8	45.8	1.4
1968 .....	15,361	5,785	7,986	13,771	459	51.9	19.5	27.0	46.5	1.6
1969 .....	15,754	5,998	8,286	15,284	499	51.6	19.6	27.1	46.7	1.6
1970 .....	16,608	5,373	8,304	13,677	507	53.9	17.4	27.1	44.5	1.6
1971 .....	17,003	5,627	8,229	13,856	560	54.1	17.9	26.2	44.1	1.8
1972 .....	17,749	5,402	8,535	13,937	583	55.0	16.7	26.5	43.2	1.8
1973 .....	16,604	5,659	7,645	13,304	613	54.4	18.5	25.1	43.6	2.0
1974 .....	17,824	6,794	7,960	14,754	741	53.5	20.4	23.9	44.3	2.2
1975 .....	16,071	10,420	9,419	19,839	994	43.6	28.2	25.5	53.7	2.7
1976 .....	17,266	9,703	11,116	20,819	907	44.2	24.9	28.6	53.5	2.3
1977 .....	17,892	9,128	10,866	19,994	832	46.2	23.6	28.1	51.7	2.1
1978 .....	17,308	7,913	10,981	18,894	746	46.9	21.4	29.7	51.1	2.0
1979 .....	16,258	5,546	9,112	14,658	586	51.6	17.6	28.9	46.5	1.9

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## FOOTNOTES FOR TABLE 455

<sup>1</sup> 900 to 1,100 pound weight range; simple average of price range.<sup>2</sup> All weights; simple average of price range.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 458

<sup>1</sup> Totals are based on unrounded numbers.<sup>2</sup> Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.

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Table 461.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 1979<sup>1</sup>

State	Cattle			Calves		
	Number slaughtered	Total live weight	Average live weight	Number slaughtered	Total live weight	Average live weight
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
Ala .....	179.4	170,245	949	3.3	1,393	421
Ariz .....	264.7	273,151	1,032	2.5	458	183
Ark .....	147.8	181,859	892	3.2	1,296	399
Calif .....	2,084.8	2,225,512	1,067	207.6	47,364	228
Colo .....	2,258.0	2,398,652	1,062	.2	81	347
Del. and Md .....	63.0	67,694	1,074	18.6	5,922	318
Fla .....	386.7	387,400	1,002	116.0	45,623	393
Ga .....	259.8	232,201	894	36.2	6,984	193
Hawaii .....	54.0	51,838	960	.....	.....	.....
Idaho .....	718.8	785,786	1,093	.3	114	355
Ill .....	1,324.6	1,385,140	1,046	110.5	26,020	235
Ind .....	363.3	369,096	1,016	47.9	15,559	325
Iowa .....	3,234.8	3,490,198	1,079	155.9	28,158	181
Kans .....	2,784.1	2,998,276	1,075	.5	152	293
Ky .....	209.9	201,728	961	1.0	338	327
La .....	106.0	94,365	890	137.9	60,237	437
Mich .....	474.9	553,259	1,165	81.7	19,104	234
Minn .....	1,040.1	1,139,773	1,096	5.9	1,135	193
Miss .....	182.6	163,613	896	17.0	9,720	571
Mo .....	785.6	827,977	1,054	8.2	2,493	304
Mont .....	150.7	157,537	1,045	.4	125	348
Nebr .....	5,085.6	5,514,675	1,084	.1	42	330
Nev .....	7.0	7,141	1,022	.....	.....	.....
N.J. ....	106.2	136,007	1,280	83.3	26,170	314
N. Mex .....	506.8	499,984	987	.....	.....	.....
N.Y. ....	245.9	275,934	1,122	657.0	94,208	143
N.C. ....	95.7	91,806	959	2.5	818	322
N. Dak .....	57.3	65,581	1,144	.3	110	374
Ohio .....	704.3	755,274	1,072	5.9	1,139	192
Okla .....	535.8	528,674	987	7.1	3,390	477
Oreg .....	130.2	146,134	1,123	4.9	1,970	402
Pa .....	757.5	867,381	1,145	248.4	37,426	151
S.C. ....	85.0	77,272	909	29.7	13,506	454
S. Dak .....	552.0	593,087	1,074	.2	80	384
Tenn .....	254.4	240,618	946	31.8	4,907	154
Tex .....	5,390.9	5,437,575	1,009	244.9	129,523	529
Utah .....	173.2	188,698	1,090	.2	63	322
Va .....	78.9	80,101	1,015	17.0	5,840	343
Wash .....	650.6	738,560	1,135	26.9	3,595	134
W. Va .....	34.7	35,006	1,010	.4	111	277
Wis .....	1,023.8	1,197,320	1,169	346.9	72,373	209
Wyo .....	15.5	16,310	1,053	.1	24	312
N. Eng. <sup>2</sup> .....	112.7	115,817	1,027	161.2	21,204	132
U.S. ....	33,677.6	35,709,256	1,060	2,823.9	688,789	244

<sup>1</sup>Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers.

<sup>2</sup>Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 462.—Beef, dressed (carlots): Average wholesale price per 100 pounds, by grade and weight, 1965-79<sup>1</sup>

Year	Steer beef		Heifer beef		Cow beef, all weights	
	Choice 700-80 lb.	Good 600-700 lb.	Choice 500-600 lb.	Good 500-600 lb.	Utility Breaking <sup>2</sup>	Canner and Cutter
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1965 .....	40.48	38.12	39.01	37.08	27.90	28.62
1966 .....	40.28	38.90	39.38	37.80	33.48	35.44
1967 .....	41.01	39.26	40.16	38.36	32.82	35.94
1968 .....	43.84	41.35	42.76	40.56	34.68	37.30
1969 .....	47.75	44.92	46.62	44.09	38.71	41.58
1970 .....	46.82	44.74	46.26	43.89	39.86	44.72
1971 .....	52.39	48.60	51.72	47.97	41.01	45.63
1972 .....	55.34	52.90	54.56	51.94	45.97	51.41
1973 .....	67.41	64.58	66.44	63.17	58.98	65.78
1974 .....	67.09	62.56	66.51	61.93	46.73	53.48
1975 .....	73.64	67.88	71.62	65.87	43.20	43.09
1976 .....	60.96	58.24	59.75	56.81	49.36	52.00
1977 <sup>3</sup> .....	62.66	58.21	60.94	56.20	45.51	51.55
1978 .....	80.80	76.06	78.58	73.00	65.37	74.61
1979 .....	101.72	97.32	100.00	95.49	85.64	100.48

<sup>1</sup>Chicago prices through 1975, with 1975 reflecting only a Jan.-Sept. average. Midwest prices start with 1976.<sup>2</sup>Utility grade prior to 1966.<sup>3</sup>Midwest prices; Chicago now included in Midwest Report.

Agricultural Marketing Service.

Table 463.—Hogs and pigs: Number and value, United States, Dec. 1, 1967-79

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1967 .....	58,818	28.30	1,662,793	1974 .....	54,693	44.90	2,457,052
1968 .....	60,829	30.50	1,857,226	1975 .....	49,267	80.40	3,959,360
1969 .....	57,046	39.00	2,224,643	1976 .....	54,934	47.00	2,582,568
1970 .....	67,285	23.50	1,583,712	1977 .....	56,539	63.20	3,575,279
1971 .....	62,412	28.50	1,779,619	1978 .....	60,100	83.30	5,004,269
1972 .....	59,017	42.00	2,477,260	1979 <sup>1</sup> .....	66,950	56.30	3,769,706
1973 .....	60,614	60.40	3,663,168				

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 464.—Hogs and pigs: Number and value, by States, Dec. 1, 1977–79

State	Number			Value					
				Value per head			Total value		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala .....	650	700	880	53.00	72.00	41.50	34,450	50,400	36,520
Alaska .....	1.00	1.10	1.10	117.00	134.00	124.50	117	147	137
Ariz .....	102	144	149	55.50	71.50	59.50	5,661	10,296	8,866
Ark .....	400	550	600	54.00	68.50	51.00	21,600	37,675	30,600
Calif .....	160	190	180	58.00	79.00	70.50	9,280	15,010	12,690
Colo .....	320	330	430	56.00	72.50	55.00	17,920	23,925	23,650
Conn .....	9.9	8.5	11.0	72.00	86.00	63.50	713	781	699
Del .....	60	50	50	58.00	81.50	51.50	3,480	4,075	2,575
Fla .....	320	360	425	57.00	76.00	54.00	18,240	27,360	22,950
Ga .....	1,720	1,800	2,280	55.00	74.00	46.00	94,600	133,200	104,880
Hawaii .....	62	54	53	85.50	89.00	102.00	5,301	4,806	5,406
Idaho .....	60	79	110	53.50	72.00	54.00	3,210	5,688	5,940
Ill .....	6,100	6,550	6,950	64.50	84.50	58.00	393,450	553,475	403,100
Ind .....	4,100	4,400	4,900	64.00	80.00	55.00	262,400	352,000	269,500
Iowa .....	14,500	15,100	16,200	68.50	89.50	60.50	993,250	1,351,450	980,100
Kans .....	2,000	2,000	2,070	60.00	80.00	58.50	120,000	160,000	121,095
Ky .....	1,140	11,50	1,400	56.50	75.00	52.00	64,410	86,250	72,800
La .....	160	140	150	50.00	69.50	51.00	8,000	9,730	7,650
Maine .....	7.2	9.0	13.0	66.00	86.50	61.50	475	779	800
Md .....	200	215	235	59.50	80.00	50.50	11,900	17,200	11,868
Mass .....	60	60	60	59.50	76.50	55.50	3,570	4,590	3,330
Mich .....	640	810	960	66.00	84.00	58.00	42,240	68,040	55,680
Minn .....	4,000	4,100	4,900	64.00	90.50	59.00	256,000	371,050	289,100
Miss .....	420	410	440	57.50	73.00	47.50	24,150	29,930	20,900
Mo .....	3,700	4,100	4,550	64.50	85.50	56.00	238,650	350,550	254,800
Mont .....	211	222	209	57.00	72.00	53.50	12,027	15,984	11,182
Nebr .....	3,150	3,650	4,150	67.00	88.50	60.50	211,050	323,025	251,075
Nev .....	9.0	8.0	9.0	55.00	75.00	61.50	495	600	554
N.H .....	9.5	8.4	9.9	60.00	80.50	58.50	570	676	579
N.J .....	76	67	57	64.00	82.50	61.00	4,864	5,528	3,477
N. Mex .....	60	50	87	52.00	66.50	56.50	3,120	3,325	4,916
N.Y .....	125	140	139	63.00	77.00	50.50	7,875	10,780	7,020
N.C .....	2,300	2,350	2,600	57.50	74.00	46.00	132,250	173,900	119,600
N. Dak .....	320	335	370	63.00	82.50	55.50	20,160	27,638	20,535
Ohio .....	1,750	1,900	2,070	59.00	78.00	56.50	103,250	148,200	116,955
Oklahoma .....	330	315	370	56.00	70.00	49.50	18,480	22,050	18,315
Oreg .....	100	100	115	57.50	72.50	60.00	5,750	7,250	6,900
Pa .....	790	820	840	56.50	79.00	56.00	44,635	64,780	47,040
R.I .....	9.5	9.9	9.9	63.50	80.50	59.00	603	797	584
S.C .....	520	525	650	55.50	74.00	45.50	28,860	38,850	29,575
S. Dak .....	1,580	1,620	2,000	66.00	88.50	57.50	104,280	143,370	115,000
Tenn .....	1,180	1,300	1,400	56.50	71.50	50.00	66,670	92,950	70,000
Tex .....	890	850	910	49.50	71.00	46.50	44,055	60,350	42,315
Utah .....	42	49	55	52.50	69.00	46.50	2,205	3,381	2,558
Vt .....	7.0	6.3	8.5	75.50	86.00	63.00	529	542	536
Va .....	650	670	850	54.50	72.50	54.00	35,425	48,575	45,900
Wash .....	68	64	126	56.00	79.00	60.00	3,808	5,056	7,560
W. Va .....	60	50	56	54.50	77.50	57.00	3,270	3,875	3,192
Wis .....	1,378	1,650	1,830	62.50	80.00	53.00	86,125	132,000	96,990
Wyo .....	32	30	32	58.00	81.00	53.50	1,856	2,430	1,712
U.S .....	56,539	60,100	66,950	63.20	83.30	56.30	3,575,279	5,004,269	3,769,706

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 465.—Sows farrowing and pig crop: Number, United States, 1965-79

Year	Sows farrowing		Pig crop			Year	Sows farrowing		Pig crop		
	Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total		Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965 .....	5,890	5,006	42,526	36,415	78,941	1973 .....	6,438	5,869	46,125	41,998	88,123
1966 .....	6,208	5,810	45,471	42,133	87,604	1974 .....	6,315	5,476	44,792	38,952	83,744
1967 .....	6,559	5,901	48,117	43,551	91,668	1975 .....	4,973	4,952	35,530	35,656	71,186
1968 .....	6,659	6,130	49,077	45,079	94,156	1976 .....	5,777	5,850	42,177	42,218	84,395
1969 .....	6,323	5,745	46,521	42,155	88,676	1977 .....	6,050	6,009	42,960	43,202	86,162
1970 .....	7,107	6,876	52,126	49,588	101,714	1978 .....	6,030	6,395	42,452	45,990	88,442
1971 .....	7,237	6,339	51,918	46,006	97,924	1979 <sup>1</sup> .....	7,192	7,304	50,669	52,084	102,753
1972 .....	6,498	5,973	47,523	43,051	90,574						

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 466.—Hogs and pigs: Number for breeding and market, United States, 1965-79

Year	All hogs and pigs	Kept for breeding	Market hogs by weight groups						Total
			Under 60 pounds	60 to 119 pounds	120 to 179 pounds	180 to 219 pounds	220 pounds and over		
	June 1								
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	
1965 .....	52,968	7,915	23,468	10,320	6,695	3,437	1,133	45,063	
1966 .....	56,197	8,752	25,328	10,822	6,718	3,385	1,132	47,445	
1967 .....	59,366	8,988	26,025	11,891	7,371	3,802	1,289	50,378	
1968 .....	60,531	9,252	26,012	11,885	7,779	4,167	1,436	51,279	
1969 .....	58,727	9,205	24,021	12,009	7,769	4,346	1,377	49,522	
1970 .....	64,639	10,630	27,294	12,865	8,050	4,376	1,424	54,009	
1971 .....	65,718	9,748	26,489	13,828	8,765	5,257	1,631	55,970	
1972 .....	60,626	9,147	24,616	12,663	8,018	4,757	1,425	51,479	
1973 .....	59,571	8,988	24,332	12,044	8,136	4,782	1,289	50,583	
1974 .....	58,878	8,823	23,654	12,059	7,737	4,920	1,685	50,005	
1975 .....	47,860	7,358	18,396	9,914	6,851	4,271	1,070	40,502	
1976 .....	53,930	8,388	21,798	11,160	7,205	4,365	1,014	45,542	
1977 <sup>1</sup> .....	54,460	8,688	21,558	10,892	7,679	5,643		45,772	
1978 .....	55,220	8,864	20,922	11,303	8,008	6,123		46,356	
1979 <sup>2</sup> .....	65,110	10,403	25,241	13,203	9,212	7,051		54,707	
	Dec. 1								
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	
1965 .....	50,519	8,224	15,344	11,470	8,690	5,157	1,634	42,295	
1966 .....	57,125	8,862	17,317	12,827	9,955	6,094	2,070	48,263	
1967 .....	58,818	9,186	18,019	13,413	9,857	6,238	2,105	49,632	
1968 .....	60,829	9,472	18,492	13,926	10,563	6,300	2,076	51,357	
1969 .....	57,046	9,189	17,522	13,004	9,666	5,775	1,890	47,857	
1970 .....	67,285	9,645	21,288	15,612	11,424	6,925	2,391	57,640	
1971 .....	62,412	8,475	19,912	14,359	10,835	6,626	2,205	53,937	
1972 .....	59,017	8,650	19,303	13,395	10,187	5,783	1,699	50,367	
1973 .....	60,614	8,605	20,142	13,715	10,223	6,103	1,826	52,009	
1974 .....	54,693	7,389	17,732	12,495	9,685	5,740	1,652	47,304	
1975 .....	49,267	7,574	16,255	11,047	8,049	4,837	1,505	41,693	
1976 .....	54,934	8,011	18,714	12,307	8,932	5,292	1,678	46,923	
1977 <sup>1</sup> .....	56,539	8,604	19,424	12,399	9,110	7,002		47,936	
1978 .....	60,100	9,584	21,154	13,036	9,378	6,948		50,516	
1979 <sup>2</sup> .....	66,950	9,551	22,633	15,391	11,238	8,137		57,399	

<sup>1</sup> Beginning 1977 the 180-219 pounds and 220 pounds and over weight groups are combined into the 180 pounds and over group.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 467.—Hogs: Number in specified countries, 1978–80<sup>1</sup>

Continent and country	1978	1979	1980 <sup>2</sup>	Continent and country	1978	1979	1980 <sup>2</sup>
	<i>Thou-</i>	<i>Thou-</i>	<i>Thou-</i>		<i>sands</i>	<i>sands</i>	<i>sands</i>
North America:				Europe—Con.			
Canada .....	6,653	7,495	8,865	Bulgaria .....	3,425	3,772	4,200
Costa Rica .....	215	226	232	Czechoslovakia .....	7,510	7,601	7,580
Dominican Republic .....	810	700	500	German Dem. Rep .....	11,757	11,734	11,775
El Salvador .....	435	445	450	Hungary .....	7,850	8,011	8,400
Guatemala .....	1,119	1,125	1,133	Poland .....	20,591	21,108	21,850
Honduras .....	530	548	572	Romania .....	9,744	10,337	11,700
Mexico .....	12,578	12,720	12,850	Yugoslavia .....	8,452	7,747	7,647
Nicaragua .....	710	725	725	Total Eastern Europe ...	69,329	70,310	73,132
Panama .....	221	226	234	Total Europe .....	166,698	172,031	176,039
United States <sup>3</sup> .....	56,539	60,101	66,950	Soviet Union .....	70,511	73,484	73,700
Total .....	79,810	84,311	92,011				
South America:				Africa:			
Argentina .....	3,600	3,650	3,700	South Africa .....	1,430	1,441	1,420
Brazil .....	37,600	36,000	36,800	Total .....	1,430	1,441	1,420
Chile .....	957	1,050	1,250				
Colombia .....	1,915	1,970	2,030	Asia:			
Ecuador .....	3,178	3,427	3,693	China, Taiwan .....	3,330	3,400	3,500
Peru .....	1,900	1,850	2,000	India .....	9,410	9,900	9,800
Uruguay .....	445	400	450	Japan .....	8,780	9,491	10,340
Venezuela .....	2,057	2,168	2,211	Korea, Rep. of .....	1,482	1,719	2,041
Total .....	51,652	50,515	52,134	Philippines .....	6,910	7,227	7,590
Europe:				Total .....	29,912	31,737	33,271
Belgium-Luxembourg .....	5,023	5,083	5,075				
Denmark .....	8,234	9,220	9,527	Oceania:			
France .....	11,548	11,290	11,100	Australia .....	2,219	2,268	2,420
Germany, Fed. Rep. of ...	21,386	22,641	22,361	New Zealand .....	539	530	540
Ireland .....	998	1,149	1,120	Total .....	2,758	2,798	2,960
Italy .....	9,420	8,922	8,650	Total selected countries .	402,771	416,317	431,535
Netherlands .....	8,350	9,367	10,000				
United Kingdom .....	7,733	7,965	8,020				
Total EC .....	72,692	75,637	75,853				
Austria .....	3,694	4,007	4,100				
Finland .....	1,079	1,179	1,179				
Greece .....	936	975	1,000				
Norway .....	657	650	655				
Portugal .....	3,000	3,500	3,800				
Spain .....	10,496	11,000	11,500				
Sweden .....	2,700	2,711	2,740				
Switzerland .....	2,115	2,062	2,080				
Total Western Europe ...	97,369	101,721	102,907				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

<sup>3</sup> 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 468.—Sows farrowing and pig crop: Number, by States, 1978 and 1979

State	Sows farrowing				Pig crop					
	1978		1979		1978			1979		
	Dec.- May	June- Nov.	Dec.- May	June- Nov. <sup>1</sup>	Dec.- May	June- Nov.	Total	Dec.- May	June- Nov. <sup>1</sup>	Total <sup>1</sup>
Ala	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Alaska	83	87	111	100	556	609	1,165	755	700	1,455
Ariz	12	16	16	15	96	120	216	125	117	242
Ark	59	74	65	80	419	533	952	468	576	1,044
Calif	19	20	21	20	124	160	284	149	150	299
Colo	37	38	43	52	263	266	529	323	364	687
Conn	1.2	.9	1.3	1.5	8.4	6.1	14.5	7.8	9.8	17.6
Del	5.0	6.0	6.5	5.0	35	41	76	47	35	82
Fla	37	36	51	51	241	245	486	357	342	699
Ga	167	172	230	223	1,128	1,200	2,328	1,599	1,575	3,174
Hawaii	5.5	5.3	5.4	5.5	37	34	71	34	37	71
Idaho	7.0	6.5	8.0	10.0	56	49	105	64	70	134
Ill	705	715	805	785	4,815	5,005	9,820	5,420	5,374	10,794
Ind	410	440	485	495	2,831	3,126	5,957	3,384	3,515	6,899
Iowa	1,440	1,480	1,670	1,620	10,218	10,654	20,872	11,672	11,541	23,213
Kans	205	213	229	222	1,417	1,513	2,930	1,604	1,637	3,241
Ky	126	138	158	172	784	984	1,768	1,034	1,213	2,247
La	13	14	14	15	88	94	182	94	105	199
Maine	.7	1.2	1.4	1.2	4.6	7.2	11.8	9.9	7.6	17.5
Md	26	22	21	27	142	161	303	149	186	335
Mass	5.0	6.0	6.0	6.5	36	41	77	38	42	81
Mich	78	84	104	115	546	622	1,168	728	794	1,522
Minn	440	460	540	560	3,258	3,391	6,649	3,905	4,101	8,006
Miss	36	39	45	44	248	281	529	320	317	637
Mo	430	505	540	575	3,067	3,635	6,702	3,861	4,126	7,987
Mont	23	21	21	21	173	158	331	155	153	308
Nebr	355	395	470	455	2,564	2,865	5,429	3,419	3,300	6,719
Nev	.9	.9	1.2	1.1	6.7	6.3	13.0	9.0	7.7	16.7
N.H	.8	1.0	1.2	1.5	5.1	7.3	12.4	9.2	11.8	21.0
N.J	3.4	4.0	4.4	2.6	20	25	45	28	17	45
N. Mex	6.0	5.0	9.0	12.0	47	40	87	58	74	132
N.Y	13	15	12	15	100	117	217	85	105	190
N.C	230	237	274	285	1,633	1,707	3,340	1,968	2,042	4,010
N. Dak	34	32	35	38	255	230	485	256	281	537
Ohio	178	204	215	240	1,213	1,485	2,698	1,565	1,752	3,317
Okla	30	34	32	39	204	235	439	211	235	446
Oreg	10	12	10.7	13	72	92	164	35	101	136
Pa	62	72	80	70	453	526	979	600	511	1,111
R.I	.9	.9	.6	.9	5.5	6.0	11.5	4.5	6.8	11.3
S.C	52	52	60	69	338	370	708	390	449	839
S. Dak	194	190	227	224	1,395	1,356	2,751	1,664	1,624	3,288
Tenn	143	160	165	180	987	1,152	2,139	1,172	1,278	2,450
Tex	92	90	100	98	615	641	1,256	666	634	1,300
Utah	5.0	5.0	4.0	6.5	34	36	70	27	44	71
Vt	.6	.7	.9	1.0	4.4	5.0	9.4	7.0	7.5	14.5
Va	58	55	70	89	400	385	785	504	583	1,087
Wash	6.0	6.4	11.0	13.0	47	48	95	80	98	178
W. Va	5.7	5.5	5.7	5.8	40	39	79	40	40	80
Wis	183	215	203	220	1,404	1,650	3,054	1,499	1,668	3,167
Wyo	2.3	2.8	2.5	3.1	17	20	37	18	21	39
U.S	6,030	6,395	7,192	7,304	42,452	45,990	88,442	50,669	52,084	102,753

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 469.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1965-79

Year	Marketings <sup>1</sup>	Shipped in for feeding and breeding	Farm slaughter <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>3</sup>	Cash receipts from sales of hogs, pork, and lard <sup>4</sup>	Value of hogs slaughtered for home consumption	Gross income <sup>5</sup>	Cost of hogs shipped in for feeding and breeding	Average price per 100 pounds received by farmers
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
1965 <sup>6</sup> .....	78,127	2,364	2,678	18,252,141	3,572,557	3,607,520	125,227	3,732,747	35,712	19.60
1966 .....	75,761	2,489	1,375	19,148,989	4,491,765	4,169,060	145,451	4,314,511	46,424	23.50
1967 .....	85,256	2,855	1,301	20,636,444	3,940,225	3,809,203	112,051	3,921,254	43,327	19.10
1968 .....	87,726	3,181	1,262	21,034,221	3,897,369	3,777,013	104,746	3,881,759	50,876	18.50
1969 .....	88,074	3,092	1,134	20,600,325	4,561,454	4,586,965	118,315	4,700,280	55,878	22.20
1970 .....	86,919	3,211	1,235	21,822,826	4,954,546	4,619,946	130,898	4,750,844	(7)	22.70
1971 .....	98,644	3,639	1,210	22,832,335	3,990,854	4,045,843	98,553	4,144,396	.....	17.50
1972 .....	89,555	3,360	1,158	20,918,802	5,245,084	5,246,914	141,040	5,387,954	.....	25.10
1973 .....	82,419	3,902	1,095	20,154,425	7,738,196	7,529,002	207,729	7,736,731	.....	38.40
1974 .....	85,504	3,979	1,321	19,976,384	6,838,022	6,946,761	219,400	7,166,161	.....	34.20
1975 .....	73,595	3,806	1,193	16,798,843	7,750,949	7,836,359	268,726	8,105,085	.....	46.10
1976 .....	75,744	4,191	1,175	18,110,651	7,844,358	7,400,479	268,452	7,668,931	.....	43.30
1977 .....	80,917	4,258	1,145	19,124,424	7,536,318	7,257,959	262,577	7,520,536	.....	39.40
1978 .....	81,428	4,713	1,099	19,610,887	9,136,275	8,736,560	289,659	9,026,219	.....	46.60
1979 <sup>8</sup> .....	92,371	4,995	1,080	22,616,845	9,443,969	8,973,651	253,228	9,226,879	.....	41.80

<sup>1</sup>Excludes interfarm sales within a State, but includes animals custom slaughtered for use on farms where produced.

<sup>2</sup>Beginning 1966, excludes custom slaughter for farmers at commercial establishments.

<sup>3</sup>Adjustments made for changes in inventory and for inshipments.

<sup>4</sup>Receipts from marketings and sales of farm slaughter, excluding interfarm sales within a State.

<sup>5</sup>Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

<sup>6</sup>Beginning 1965, data for 12-month period—December of previous year through November of current year.

<sup>7</sup>Discontinued.

<sup>8</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 470.—Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1965-79<sup>1</sup>

Year	Receipts at selected public stockyards											Direct receipts in interior Iowa and Southern Minnesota <sup>4</sup>
	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting <sup>2 3</sup>	
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1965 ..	1,434	443	230	1,011	2,622	2,035	1,677	2,132	1,686	11,140	24,410	17,376
1966 ..	1,443	351	212	1,021	2,421	2,007	1,591	2,430	1,754	10,426	23,656	18,458
1967 ..	1,434	324	284	1,263	2,673	1,916	1,635	2,757	1,860	10,131	24,277	20,437
1968 ..	1,190	369	289	1,360	2,327	1,823	1,636	2,855	1,950	10,172	24,071	20,932
1969 ..	965	370	361	1,332	1,798	1,644	1,756	2,734	1,879	9,615	22,454	20,192
1970 ..	298	217	302	1,262	1,857	1,570	1,839	2,223	1,923	8,526	20,017	21,211
1971 ..	( <sup>5</sup> )	429	180	1,244	1,876	1,649	1,917	2,448	2,055	9,777	21,575	22,725
1972 ..	.....	355	74	1,087	1,514	1,452	1,747	2,056	1,832	8,181	18,298	20,506
1973 ..	.....	( <sup>5</sup> )	65	735	1,337	1,325	1,641	2,357	1,772	7,792	17,024	18,852
1974 ..	.....	.....	80	897	1,478	1,530	1,790	2,676	2,365	8,255	19,071	19,979
1975 ..	.....	.....	84	559	1,162	1,226	1,420	2,140	1,880	6,630	15,101	16,226
1976 ..	.....	.....	77	497	1,102	1,327	1,547	2,423	1,975	7,064	16,012	18,190
1977 ..	.....	.....	94	491	1,055	1,458	1,586	2,291	2,003	6,732	15,710	19,781
1978 ..	.....	.....	72	445	1,039	1,479	949	1,603	1,543	5,628	12,758	20,194
1979 ..	.....	.....	54	453	1,177	1,546	1,051	1,866	1,838	6,367	14,352	22,980

<sup>1</sup>Total rail and truck receipts. Saleable receipts 1978 on.

<sup>2</sup>Rounded total of complete figures.

<sup>3</sup>The number of stockyards reporting varies from 41 to 68.

<sup>4</sup>Covers receipts at 14 packing plants and 30 concentration yards.

<sup>5</sup>Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 471.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1979<sup>1</sup> (preliminary)

State	Market- ings <sup>2</sup>	Shipped in for feeding and breeding	Farm slaughter <sup>3</sup>	Quantity produced (live weight) <sup>4</sup>	Value of production <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>5</sup>	Value of hogs slaughtered for home consumption	Gross income <sup>6</sup>
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	1,155	40	40	297,192	129,278	113,271	8,185	121,456
Alaska.....	1.2	.....	5	297,283	218	219	7	226
Ariz.....	241	24	1	51,159	22,561	24,037	194	24,231
Ark.....	908	22	28	205,305	85,612	79,172	4,005	83,177
Calif.....	353	84	20	78,134	35,863	36,037	2,622	38,659
Colo.....	551	19	10	147,585	62,428	52,801	4,076	56,877
Conn.....	13.9	.....	7	3,707	1,631	1,318	183	1,481
Del.....	30	7	.....	16,385	7,143	7,242	185	7,427
Fla.....	590	4	10	137,924	55,997	51,676	1,876	53,552
Ga.....	2,458	109	80	610,126	238,559	212,834	9,353	222,237
Hawaii.....	63	.....	3	11,154	7,551	7,027	548	7,575
Idaho.....	94	.....	2	25,624	9,685	7,639	711	8,350
Ill.....	10,222	593	15	2,619,082	1,102,633	1,090,835	6,062	1,096,847
Ind.....	6,582	550	17	1,660,285	695,659	672,769	3,997	676,766
Iowa.....	21,758	1,800	55	5,447,026	2,265,962	2,237,335	30,202	2,267,537
Kans.....	3,179	190	12	755,730	316,650	315,117	6,034	321,151
Ky.....	1,798	3	23	432,280	179,396	160,020	10,163	170,183
La.....	152	3	.....	40,219	17,253	13,231	3,712	16,943
Maine.....	11.5	.....	1.2	4,175	1,837	1,177	462	1,639
Md.....	298	20	9	61,236	26,698	25,131	1,768	26,899
Mass.....	76	0	1	18,640	8,201	7,841	287	8,138
Mich.....	1,277	55	20	310,272	133,106	122,454	5,847	128,301
Minn.....	6,888	254	42	1,687,176	708,613	651,230	18,800	670,030
Miss.....	506	4	30	123,566	52,391	44,550	5,953	50,503
Mo.....	6,972	8	3	1,597,830	653,512	618,549	14,816	633,365
Mont.....	299	4	63	71,756	28,343	27,974	835	28,809
Nebr.....	6,247	390	22	1,509,879	632,639	605,146	12,131	617,277
Nev.....	14.3	.....	3	3,686	1,522	1,349	114	1,463
N.H.....	17.9	.....	6	5,044	2,219	1,897	240	2,137
N.J.....	91	47	4	15,525	6,411	7,830	727	8,607
N. Mex.....	89	5	4	25,732	11,034	8,433	552	9,035
N.Y.....	167	3	9	39,742	17,168	15,621	1,788	17,409
N.C.....	3,398	43	105	784,562	331,869	301,160	19,432	320,592
N. Dak.....	457	16	16	109,351	44,615	39,584	3,068	42,652
Ohio.....	3,082	254	19	746,227	320,877	309,495	4,549	314,044
Okl.....	456	63	8	113,825	46,395	41,052	3,873	44,925
Oreg.....	155	1	7	38,593	16,517	14,404	1,483	15,887
Pa.....	884	.....	57	210,589	90,553	79,236	10,333	90,119
R.I.....	10.6	.....	1	2,997	1,318	1,269	25	1,294
S.C.....	636	.....	28	168,845	70,577	60,789	4,181	64,970
S. Dak.....	2,841	93	10	688,207	284,229	262,476	2,333	265,309
Tenn.....	2,137	62	95	511,219	213,178	188,728	15,450	204,173
Tex.....	1,191	13	25	323,100	123,270	121,726	4,235	125,961
Utah.....	57	2	1	13,255	5,341	5,184	212	5,396
Vt.....	10.9	.....	1	4,019	1,768	1,225	400	1,625
Va.....	887	130	60	223,342	95,132	76,464	11,934	88,398
Wash.....	98	.....	11	30,705	13,448	9,087	1,823	10,910
W. Va.....	58	10	18	25,903	10,024	6,558	3,413	9,971
Wis.....	2,819	30	38	598,500	247,779	229,589	8,684	238,273
Wyo.....	41	9	2	9,594	3,780	3,611	370	3,981
U.S.....	92,371	4,995	1,080	22,616,845	9,443,969	8,973,651	253,228	9,226,879

<sup>1</sup> Balance sheet estimates by States; the sum of inventory December 1, 1978, Pig crop and inshipments are equal to the sum of marketings, farm slaughter, deaths and inventory December 1, 1979.

<sup>2</sup> Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State.

<sup>3</sup> Excludes custom slaughter for farmers at commercial establishments.

<sup>4</sup> Adjustments made for changes in inventory and for inshipments.

<sup>5</sup> Receipts from marketing and sales of farm-slaughtered meat, excluding interfarm sales within the States.

<sup>6</sup> Cash receipts from sales of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 472.—Hogs: Number slaughtered, United States, 1965–79

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>				Federally inspected	Other	Total <sup>1</sup>		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965 .....	63,708	10,076	73,784	2,678	76,462	1973 .....	72,264	4,531	76,795	1,095	77,890
1966 <sup>2</sup> .....	63,729	10,282	74,011	1,375	75,386	1974 .....	77,071	4,691	81,762	1,321	83,083
1967 .....	70,915	11,209	82,124	1,301	83,425	1975 .....	64,926	3,761	68,687	1,193	69,880
1968 .....	74,789	10,371	85,160	1,262	86,422	1976 .....	70,454	3,330	73,784	1,175	74,959
1969 .....	75,682	8,156	83,838	1,134	84,972	1977 .....	74,019	3,285	77,303	1,139	78,442
1970 .....	78,187	7,630	85,817	1,235	87,052	1978 .....	74,139	3,176	77,315	1,102	78,417
1971 .....	86,667	7,771	94,438	1,210	95,648	1979 .....	85,425	3,674	89,099	1,080	90,179

<sup>1</sup>Totals are based on unrounded numbers.<sup>2</sup>Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 473.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1979<sup>1</sup>

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>		<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
Ala .....	652.0	180,981	278	N. J. ....	235.6	50,928	216
Ariz .....	225.9	50,929	225	N. Mex .....	35.7	7,933	222
Ark .....	235.3	56,649	241	N. Y. ....	339.0	77,651	229
Calif .....	1,731.3	396,203	229	N. C. ....	2,285.5	510,660	223
Colo .....	483.5	113,400	235	N. Dak .....	27.4	6,645	243
Del. and Md .....	370.9	84,991	229	Ohio .....	4,812.6	1,117,482	232
Fla .....	133.1	29,583	222	Oklahoma .....	1,069.9	269,614	252
Ga .....	2,088.0	466,440	223	Oreg .....	163.1	35,725	219
Hawaii .....	39.4	7,076	180	Pa .....	3,325.1	743,951	224
Idaho .....	92.7	21,989	237	S. C. ....	452.3	105,579	233
Ill .....	7,192.8	1,828,800	254	S. Dak .....	3,232.2	786,967	243
Ind .....	3,021.3	733,377	243	Tenn .....	2,706.9	696,296	257
Iowa .....	22,882.4	5,672,619	248	Tex .....	1,348.4	351,268	261
Kans .....	1,405.1	341,832	243	Utah .....	122.2	28,937	237
Ky .....	2,146.5	543,055	253	Va .....	3,160.6	729,924	231
La .....	199.3	45,172	227	Wash .....	610.2	140,347	230
Mich .....	4,926.2	1,178,078	239	W. Va .....	32.3	12,309	381
Minn .....	5,346.4	1,274,963	238	Wis .....	2,177.8	518,951	238
Miss .....	1,864.8	437,128	234	Wyo .....	12.5	3,087	247
Mo .....	3,016.7	762,633	253	N. Eng <sup>2</sup> .....	53.3	12,322	231
Mont .....	461.8	107,413	233				
Nebr .....	4,376.6	1,013,138	231	U.S. ....	89,099.1	21,554,016	242
Nev .....	4.3	982	230				

<sup>1</sup>Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Commercial slaughter not estimated in Alaska.<sup>2</sup>Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 474.—Hogs: Number slaughtered, average dressed and live weights, Federally inspected and commercial, 1965-79<sup>1</sup>

Year	Federally inspected									Commercial		
	Barrows and gilts		Sows		Stags and boars		Total			All hogs and pigs		
	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight <sup>2</sup>	Avg. live weight	Number head	Avg. dressed weight <sup>2</sup>	Avg. live weight
	<i>Thousands</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>
1965 ..	58,576	.....	4,739	.....	392	.....	63,708	147	240	73,784	146	238
1966 ..	58,383	.....	5,055	.....	291	.....	63,729	152	244	74,011	151	242
1967 ..	65,444	.....	5,157	.....	314	.....	70,915	152	242	82,124	151	241
1968 ..	69,484	.....	4,929	.....	377	.....	74,789	151	240	85,160	151	239
1969 ..	70,119	.....	4,961	.....	610	.....	75,682	153	240	83,838	152	239
1970 ..	72,647	.....	5,015	.....	525	.....	78,187	155	241	85,817	154	240
1971 ..	80,557	.....	5,372	.....	738	.....	86,667	156	240	94,438	155	239
1972 ..	73,419	.....	4,646	.....	695	.....	78,759	160	240	84,707	159	239
1973 ..	67,321	.....	4,201	.....	742	.....	72,264	164	242	76,795	164	241
1974 ..	71,048	.....	5,319	.....	704	.....	77,071	167	245	81,762	166	244
1975 ..	60,761	.....	3,582	.....	586	.....	64,926	166	240	68,687	165	240
1976 ..	66,512	.....	3,399	.....	548	.....	70,454	167	238	73,784	166	238
1977 ..	69,191	163	4,055	282	783	237	74,019	170	237	77,903	170	237
1978 ..	69,539	164	3,870	290	730	239	74,139	171	240	77,315	171	240
1979 ..	79,744	164	4,793	295	888	234	85,425	172	242	89,099	172	242

<sup>1</sup> All weights calculated using unrounded totals.<sup>2</sup> 1965-76 shipper style, 1977-79 packer style.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 475.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, North Central States and United States, 1965-79

Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>		Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
			<i>Dollars</i>	<i>Dollars</i>				<i>Dollars</i>	<i>Dollars</i>
1965 .....	17.7	18.0	1.18	1.16	1973 .....	21.7	22.2	1.89	1.87
1966 .....	18.5	18.7	1.25	1.23	1974 .....	12.2	12.2	2.92	2.91
1967 .....	16.3	16.5	1.17	1.16	1975 .....	17.1	17.2	2.70	2.68
1968 .....	<sup>3</sup> 17.9	<sup>3</sup> 18.3	1.04	1.02	1976 .....	17.5	17.6	2.49	2.48
1969 .....	19.8	20.2	1.13	1.11	1977 .....	19.8	20.0	2.03	2.02
1970 .....	19.1	19.4	1.23	1.21	1978 .....	22.4	22.7	2.10	2.08
1971 .....	14.0	14.3	1.27	1.25	1979 .....	18.3	18.5	2.34	2.31
1972 .....	22.1	22.5	1.17	1.15					

<sup>1</sup> Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is a simple average of monthly ratios.<sup>2</sup> Average of midmonth weighted prices.<sup>3</sup> Beginning 1968, marketing year average December through November.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 476.—Hogs: Average weight and cost of packer and shipper purchases, by classes, at Omaha, and at 7 markets combined, 1965-79

Year	Omaha					Seven markets <sup>1</sup>				
	Barrows and gilts		Sows		Number of sows as percentage of all purchases	Barrows and gilts		Sows		Number of sows as percentage of all purchases
	Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.		Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.	
	<i>Pounds</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Percent</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Percent</i>
1965 .....	235	20.99	433	18.96	13	232	21.30	424	19.03	12
1966 .....	239	23.25	441	19.75	13	236	23.49	432	19.77	12
1967 .....	240	19.17	450	16.47	13	237	19.37	437	16.43	11
1968 .....	238	19.01	444	16.12	13	235	19.19	436	16.20	11
1969 .....	235	23.55	443	20.67	13	234	23.71	436	20.76	11
1970 .....	240	21.75	449	17.74	12	237	21.95	439	17.83	10
1971 .....	237	18.24	447	15.43	12	235	18.45	434	15.54	10
1972 .....	237	26.36	461	23.11	13	237	26.67	447	23.26	10
1973 .....	239	39.83	458	35.59	13	237	40.27	445	35.94	11
1974 .....	245	34.65	447	29.78	14	241	35.12	436	29.92	11
1975 .....	241	47.93	449	43.67	12	238	48.32	448	43.65	9
1976 .....	240	42.60	457	36.09	13	236	43.11	457	35.92	10
1977 .....	237	40.65	459	36.20	14	234	41.07	454	36.01	10
1978 .....	239	48.29	460	43.36	15	237	48.49	459	43.23	11
1979 .....	241	41.56	450	36.65	18	237	42.06	452	35.43	12

<sup>1</sup>Includes Indianapolis, Kansas City, Omaha, National Stock Yards, Sioux City, South St. Joseph, and South St. Paul. Prior to 1970, included Chicago.

Agricultural Marketing Service.

Table 477.—Pork cuts (less than carlots): Wholesale price per 100 pounds, New York, 1965-79

Year	Loins, fresh, 8- to 14-lb. average <sup>1</sup>	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average	Bacon, smoked, slab, 8- to 12-lb. average	Year	Loins, fresh, 8- to 14-lb. average	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average <sup>2</sup>	Bacon, smoked, slab, 8- to 12-lb. average
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1965 .....	53.23	43.05	50.56	48.76	1973 .....	81.91	71.08	.....	52.14
1966 .....	56.94	46.16	54.29	55.41	1974 .....	78.56	61.98	.....	.....
1967 .....	51.53	40.91	49.76	44.76	1975 .....	99.28	86.44	89.15	.....
1968 .....	50.90	40.31	48.11	42.96	1976 .....	97.68	81.13	91.06	.....
1969 .....	57.47	48.73	54.19	47.64	1977 .....	95.25	75.98	89.08	.....
1970 .....	56.86	43.43	51.68	48.40	1978 .....	109.15	71.77	99.63	.....
1971 .....	49.85	39.35	48.85	36.11	1979 .....	107.65	94.13	94.38	.....
1972 .....	64.46	52.26	56.97	46.70					

<sup>1</sup>Prior to June 1967, 8-12 pounds.

<sup>2</sup>Delete word "smoked" after 1974.

Agricultural Marketing Service.

Table 478.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1965-79

Year	Supply						Disposition					
	Production				Stocks Jan. 1 <sup>1</sup>	Total <sup>2</sup>	Exports and shipments			Domestic disappearance		
	Feder- ally in- spected	Other com- mercial	Farm	Total			Exports	Ship- ments	Total	Total	Direct use	
											Total	Per civilian
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1965 ..	1,772	208	65	2,045	127	2,172	251	75	325	1,785	1,225	6.4
1966 ..	1,696	202	32	1,929	62	1,991	158	63	220	1,670	1,071	5.5
1967 ..	1,835	209	32	2,076	100	2,176	189	58	247	1,778	1,055	5.4
1968 ..	1,862	170	30	2,062	151	2,213	175	58	234	1,886	1,106	5.6
1969 ..	1,755	124	25	1,904	94	1,998	262	67	329	1,599	1,011	5.1
1970 ..	1,776	112	25	1,913	70	1,983	366	53	419	1,482	939	4.7
1971 ..	1,830	106	24	1,960	82	2,042	282	62	344	1,598	880	4.3
1972 ..	1,464	76	18	1,550	100	1,658	164	25	189	1,418	787	3.8
1973 ..	1,181	55	18	1,254	61	1,305	113	8	121	1,140	705	3.4
1974 ..	1,286	58	22	1,366	44	1,410	161	21	182	1,192	681	3.2
1975 ..	956	39	17	1,012	36	1,048	88	56	144	876	615	3.0
1976 ..	1,010	33	17	1,060	28	1,088	181	54	235	819	568	2.7
1977 ..	1,022	.....	16	1,038	34	1,072	182	47	229	805	495	2.3
1978 ..	991	.....	15	1,006	29	1,035	120	42	162	835	482	2.2
1979 <sup>3</sup> ..	1,141	.....	15	1,156	38	1,194	96	20	116	1,028	564	2.6

<sup>1</sup> Factory and warehouse stocks as reported by the Bureau of the Census.<sup>2</sup> Includes imports, which were less than 500,000 pounds.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce and the U.S. Department of Agriculture. Totals and per capita estimates computed from unrounded numbers.

Table 479.—Lard, including rendered pork fat: United States exports by country of destination, 1977-79

Continent and country	1977	1978	1979 <sup>1</sup>	Continent and country	1977	1978	1979 <sup>1</sup>
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Belize .....	1,279	1,427	1,678	Belgium and Luxembourg .....	1,746	1	7
Canada .....	20,124	19,442	9,275	Poland .....	3,383	.....	.....
Haiti .....	1,236	931	1,085	United Kingdom .....	19,320	3,826	1,686
Mexico .....	31,066	26,677	26,676	Other countries .....	2,692	55	91
Netherlands Antilles .....	235	267	421	Total .....	27,141	3,882	1,784
Panama .....	14	11	22	Africa .....	.....	23	.....
Other countries .....	141	734	706	Asia .....	262	400	274
Total .....	54,095	49,489	39,863	Oceania .....	.....	86	26
South America:				Grand total <sup>2</sup> .....	82,569	54,237	43,507
Bolivia .....	292	.....	1,085				
Colombia .....	143	167	87				
Other countries .....	637	191	389				
Total .....	1,072	358	1,561				

<sup>1</sup> Preliminary.<sup>2</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 480.—Sheep and lambs: Number and value, United States, Jan. 1, 1965–80

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	25,127	16.00	401,044	1973 .....	17,641	26.70	470,832
1966 .....	24,734	19.80	490,686	1974 .....	16,310	32.80	534,766
1967 .....	23,953	19.80	473,216	1975 .....	14,515	30.50	442,491
1968 .....	22,223	19.20	427,216	1976 .....	13,311	37.30	496,281
1969 .....	21,350	22.00	470,709	1977 .....	12,766	42.40	541,458
1970 .....	20,423	25.10	512,737	1978 .....	12,348	51.50	636,088
1971 .....	19,731	23.60	465,418	1979 .....	12,220	71.70	875,927
1972 .....	18,739	22.90	428,861	1980 <sup>1</sup> .....	12,513	77.90	974,142

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 481.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1965–80

Year	All sheep and lambs	Sheep and lambs on feed	Stock sheep				
			Total	Lambs		1 year and over	
				Ewes	Wethers and rams	Ewes	Wethers and rams
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965 .....	25,127	3,284	21,843	2,801	650	17,502	890
1966 .....	24,734	3,278	21,456	3,010	760	16,350	836
1967 .....	23,953	3,276	20,677	2,959	688	16,230	799
1968 .....	22,223	3,115	19,108	2,546	569	15,290	705
1969 .....	21,350	2,995	18,355	2,473	501	14,707	675
1970 .....	20,423	2,990	17,433	2,422	475	13,923	613
1971 .....	19,731	2,785	16,946	2,280	463	13,609	594
1972 .....	18,739	2,894	15,845	1,974	402	12,909	560
1973 .....	17,641	2,873	14,768	1,883	354	12,049	482
1974 .....	16,310	2,625	13,685	1,804	359	11,058	464
1975 .....	14,515	2,079	12,436	1,510	404	10,083	437
1976 .....	13,311	1,884	11,427	1,345	350	9,314	418
1977 .....	12,766	1,731	11,035	1,407	380	8,886	362
1978 .....	12,348	1,623	10,725	1,489	326	8,540	370
1979 .....	12,220	1,579	10,641	1,650	367	8,248	376
1980 <sup>1</sup> .....	12,513	1,622	10,891	1,770	376	8,385	360

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 482.—Stock sheep: Number, by classes, by States, Jan. 1, 1979 and 1980

State	Lambs				One year and over			
	Ewes		Wethers and rams		Ewes		Wethers and rams	
	1979	1980 <sup>1</sup>	1979	1980 <sup>1</sup>	1979	1980 <sup>1</sup>	1979	1980 <sup>1</sup>
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
Alaska .....	0.4	0.4	0.4	0.3	2.7	2.3	1.5	1.3
Ariz .....	48	43	33	29	288	258	11	10
Calif .....	85	115	16	21	838	839	26	25
Colo .....	64	66	6	6	398	425	12	13
Conn .....	.8	.8	.2	.2	3.8	3.9	.3	.3
Idaho .....	73	77	6	6	369	361	8	12
Ill .....	25	30	8	10	127	127	7	8
Ind .....	23	26	6	6	124	117	7	6
Iowa .....	64	60	21	19	220	250	15	11
Kans .....	13	16	7	8	125	125	5	6
Ky .....	2	2	1	1	18	17	1	1
La .....	2	2	1	1	9	8	1	1
Maine .....	2	2	1	1	8	9	1	1
Md .....	3	3	1	1	14	15	1	1
Mass .....	1	1.2	.3	.4	4.9	5.0	.5	.5
Mich .....	14	16	3	3	75	82	3	3
Minn .....	38	39	8	9	160	164	4	5
Mo .....	19	18	6	4	83	84	4	3
Mont .....	111	117	9	9	324	343	11	11
Nebr .....	17	21	4	5	76	90	3	4
Nev .....	15	18	1	1	89	94	2	2
N.H. ....	1.3	1.2	.4	.3	4.8	5.1	.4	.4
N.J. ....	1.3	1.3	.8	.6	6.9	6.8	.6	.6
N. Mex .....	92	96	8	8	432	468	23	23
N.Y. ....	10	12	9	8	42	43	2	2
N.C. ....	.9	1	.5	.5	5	5.5	.6	.5
N. Dak .....	32	39	8	10	115	135	5	6
Ohio .....	36	34	10	9	236	215	8	7
Okla .....	12	13	3	4	57	58	3	3
Oreg .....	68	79	11	13	260	267	11	11
Pa .....	12	15	4	3	59	63	5	4
S. Dak .....	124	127	21	22	534	550	17	16
Tenn .....	2	1	1	1	9	9	1	1
Tex .....	355	365	108	105	1,667	1,675	<sup>2</sup> 120	<sup>3</sup> 105
Utah .....	59	65	5	7	388	393	10	12
Vt .....	1.4	1.7	.6	.5	5.6	5.6	.4	.4
Va .....	21	22	9	11	130	122	5	5
Wash .....	11	13	3	5	39	43	3	4
W. Va .....	16	17	6	5	88	87	5	4
Wis .....	17	23	2	3	63	70	3	4
Wyo .....	158	170	18	19	755	745	29	26
U.S. ....	1,650.1	1,769.6	367.2	375.8	8,247.7	8,385.2	376.3	360.0

<sup>1</sup> Preliminary.<sup>2</sup> 32,000 wethers and 88,000 rams.<sup>3</sup> 30,000 wethers and 75,000 rams.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 483.—Sheep and lambs: Number of stock sheep and sheep on feed, by States, Jan. 1, 1978–80

State	Stock sheep			Sheep on feed <sup>2</sup>		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Ala.....	3.7	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	.....
Alaska.....	6.2	5.0	4.3	.....	.....	.....
Ariz.....	378	380	340	60	85	60
Ark.....	4.9	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	.....
Calif.....	915	965	1,000	200	185	175
Colo.....	450	475	510	360	320	360
Conn.....	5.1	5.1	5.2	.....	.....	.....
Del.....	1.7	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	.....
Fla.....	4	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	.....
Ga.....	3.2	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	.....
Idaho.....	470	456	456	11	10	12
Ill.....	167	167	175	17	17	15
Ind.....	165	160	155	11	11	10
Iowa.....	300	320	340	70	60	68
Kans.....	140	150	155	65	70	80
Ky.....	28	22	21	.....	.....	.....
La.....	13	13	12	.....	.....	.....
Maine.....	12	12	13	.....	.....	.....
Md.....	19	19	20	.....	.....	.....
Mass.....	6.8	6.7	7.1	.....	.....	.....
Mich.....	108	95	104	30	26	28
Minn.....	203	210	217	52	45	47
Miss.....	4.5	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	.....
Mo.....	112	112	109	19	14	14
Mont.....	470	455	480	60	20	14
Nebr.....	152	100	120	85	75	90
Nev.....	110	107	115	4	7	7
N.H.....	7	6.9	7	.....	.....	.....
N.J.....	9.2	9.6	9.3	.....	.....	.....
N. Mex.....	546	555	595	25	49	65
N.Y.....	58	63	65	8	( <sup>3</sup> )	( <sup>3</sup> )
N.C.....	9	7	7.5	.....	.....	.....
N. Dak.....	165	160	190	48	38	46
Ohio.....	310	290	265	60	60	55
Okla.....	68	75	78	13	14	15
Oreg.....	310	350	370	100	110	110
Pa.....	80	80	85	.....	.....	.....
R.I.....	2	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	.....
S.C.....	1.3	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....	.....
S. Dak.....	670	696	715	34	44	68
Tenn.....	15	13	12	.....	.....	.....
Tex.....	2,310	2,250	2,250	150	165	150
Utah.....	470	462	477	21	24	30
Vt.....	7.9	8	8.2	.....	.....	.....
Va.....	172	165	160	.....	.....	.....
Wash.....	56	56	65	.....	.....	.....
W. Va.....	123	115	113	6	( <sup>3</sup> )	( <sup>3</sup> )
Wis.....	73	85	100	9	10	13
Wyo.....	1,010	960	960	105	120	90
U.S.....	10,725	10,641	10,891	1,623	1,579	1,622

<sup>1</sup> Preliminary.<sup>2</sup> Sheep and lambs on feed are animals being fattened for slaughter market on grain, other concentrates, or succulent pastures, and are expected to produce a carcass that will grade Good or better.<sup>3</sup> Estimates discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 484.—Sheep: Number in specified countries, 1978-80<sup>1</sup>

Continent and country	1978	1979	1980 <sup>2</sup>	Continent and country	1978	1979	1980 <sup>2</sup>
	<i>Thou-</i>	<i>sands</i>	<i>Thou-</i>		<i>Thou-</i>	<i>sands</i>	<i>Thou-</i>
North America:				Europe—Con.			
Canada .....	383	410	470	Bulgaria .....	9,845	10,105	10,200
Guatemala .....	500	500	500	Czechoslovakia .....	732	865	890
Mexico .....	7,850	7,900	7,950	German Dem. Rep .....	1,927	1,965	2,000
United States <sup>3</sup> .....	12,348	12,220	12,513	Hungary .....	2,485	2,250	2,450
Total .....	21,081	21,030	21,433	Poland .....	3,593	3,704	3,722
South America:				Romania .....	14,463	15,612	16,800
Argentina .....	35,500	35,400	35,300	Yugoslavia .....	7,514	7,339	7,294
Brazil .....	17,200	18,000	18,500	Total Eastern Europe ..	40,559	41,840	43,356
Chile .....	5,792	5,800	5,700	Total Europe .....	114,165	117,010	120,785
Colombia .....	2,255	2,368	2,420	Soviet Union .....	140,900	142,600	143,650
Ecuador .....	2,238	2,278	2,318				
Peru .....	14,000	14,000	14,000	Africa:			
Uruguay .....	18,854	20,690	23,182	South Africa .....	32,745	32,614	32,320
Venezuela .....	294	314	335	Total .....	32,745	32,614	32,320
Total .....	96,133	98,850	101,755	Asia:			
Europe:				India .....	40,700	41,000	40,500
Belgium-Luxembourg .....	89	96	100	Israel .....	225	220	200
Denmark .....	55	56	55	Turkey .....	42,706	43,943	44,500
France .....	11,415	11,587	11,700	Total .....	83,631	85,163	85,200
Germany, Fed. Rep. of ..	1,135	1,136	1,130	Oceania:			
Ireland .....	2,526	2,418	2,211	Australia .....	131,445	134,231	135,000
Italy .....	8,694	8,973	9,460	New Zealand .....	62,163	63,500	65,000
Netherlands .....	841	845	840	Total .....	193,608	197,731	200,000
United Kingdom .....	20,504	21,740	23,500	Total selected countries	682,263	694,998	705,143
Total EC .....	45,259	46,851	48,996				
Austria .....	181	192	195				
Finland .....	70	70	70				
Greece .....	8,064	8,024	8,000				
Norway .....	890	918	950				
Portugal .....	3,840	3,840	3,840				
Spain .....	14,522	14,500	14,600				
Sweden .....	397	395	398				
Switzerland .....	383	380	380				
Total Western Europe ...	73,606	75,170	77,429				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

<sup>3</sup> 50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 485.—Lamb crop: Number of lambs as percentage of ewes one year old and older, by States, 1977-79<sup>1</sup>

State	1977		1978		1979 <sup>2</sup>	
	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1
	<i>Thousands</i>	<i>Percent</i>	<i>Thousands</i>	<i>Percent</i>	<i>Thousands</i>	<i>Percent</i>
Ala.....	2.6	108	(3)	(3)	(3)	(3)
Alaska.....	1	32	0.9	30	0.7	26
Ariz.....	200	67	213	72	230	80
Ark.....	4.3	123	(3)	(3)	(3)	(3)
Calif.....	700	91	694	89	721	86
Colo.....	452	106	429	113	436	111
Conn.....	4.4	110	4.5	115	4.4	116
Del.....	1.3	93	(3)	(3)	(3)	(3)
Fla.....	2.5	81	(3)	(3)	(3)	(3)
Ga.....	1.7	71	(3)	(3)	(3)	(3)
Idaho.....	491	117	421	112	432	117
Ill.....	139	111	141	109	143	113
Ind.....	154	114	147	113	142	115
Iowa.....	292	112	259	108	273	124
Kans.....	126	110	124	106	134	107
Ky.....	28	117	24	109	20	111
La.....	9	100	8	89	8	89
Maine.....	8	114	9	113	9	113
Md.....	15	107	17	121	16	114
Mass.....	5.7	116	5.3	113	5.1	104
Mich.....	103	113	103	117	90	120
Minn.....	214	124	200	125	198	124
Miss.....	3.5	95	(3)	(3)	(3)	(3)
Mo.....	111	123	106	120	107	129
Mont.....	375	101	349	98	340	105
Nebr.....	100	120	110	85	90	118
Nev.....	96	96	88	96	87	98
N.H.....	5.7	119	6.1	122	5.4	113
N.J.....	7.3	122	7.8	116	7.8	113
N. Mex.....	322	75	323	74	363	84
N.Y.....	52	111	50	111	50	119
N.C.....	6.8	105	6.4	97	6.1	122
N. Dak.....	170	123	152	121	143	124
Ohio.....	324	107	264	104	267	113
Okla.....	54	110	60	109	62	109
Oreg.....	279	113	288	115	289	111
Pa.....	78	104	62	103	60	102
R.I.....	1.3	81	(3)	(3)	(3)	(3)
S.C.....	.8	89	(3)	(3)	(3)	(3)
S. Dak.....	653	123	668	128	673	126
Tenn.....	12	92	11	100	10	111
Tex.....	1,450	78	1,242	69	1,217	73
Utah.....	428	90	377	94	365	94
Vt.....	6.2	122	6.7	120	7.2	129
Va.....	155	120	160	118	162	125
Wash.....	53	106	50	119	54	138
W. Va.....	111	112	108	113	101	115
Wis.....	79	139	78	134	92	146
Wyo.....	718	86	647	83	622	82
U.S.....	8,606.1	97	8,019.7	94	8,042.7	98

<sup>1</sup> Lamb crop defined as lambs born in the native States, and lambs docked or branded in the Western States.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 486.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1965-79

Year	Lamb crop <sup>1</sup>	Marketings <sup>2</sup>		Inshipments	Farm slaughter <sup>3</sup>	Quantity produced (live weight) <sup>4</sup>
		Sheep	Lambs			
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds
1965	16,312	2,454	15,213	5,165	294	1,217,139
1966	15,881	2,785	14,674	4,679	268	1,249,097
1967	15,017	2,911	13,993	4,030	245	1,153,596
1968	14,443	2,298	13,448	4,035	237	1,166,190
1969	13,723	2,282	12,873	4,119	233	1,065,074
1970	13,465	1,983	12,840	4,032	249	1,099,385
1971	12,998	2,202	12,627	4,004	236	1,070,502
1972	12,599	2,170	12,383	3,976	224	1,004,102
1973	11,500	2,198	10,879	3,275	302	895,776
1974	10,509	2,172	9,888	2,629	217	806,755
1975	9,857	1,771	8,997	2,243	212	781,120
1976	8,888	1,445	8,071	2,466	197	732,765
1977	8,606	1,504	7,405	2,173	198	703,942
1978	8,020	1,405	6,606	2,151	174	696,929
1979 <sup>5</sup>	8,043	1,305	6,423	2,141	172	712,017

  

Year	Value of production <sup>4</sup>	Cash receipts for sales of sheep, lambs, and mutton and lamb <sup>6</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>7</sup>	Cost of sheep and lambs shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
						Sheep	Lambs
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1965	257,160	328,609	3,865	332,474	73,633	6.34	22.80
1966	261,185	333,624	4,525	338,149	71,324	6.84	23.40
1967	231,020	301,660	4,212	305,872	54,882	6.35	22.10
1968	256,616	315,180	4,559	319,739	60,561	6.58	24.40
1969	266,856	343,431	5,556	348,987	73,192	8.10	27.20
1970	260,373	333,746	5,691	339,437	( <sup>8</sup> )	7.52	26.40
1971	250,159	322,982	5,399	328,381	.....	6.56	25.90
1972	271,434	353,803	5,725	359,528	.....	7.26	29.10
1973	293,732	389,585	6,895	396,480	.....	12.90	35.10
1974	272,048	368,747	7,870	376,617	.....	11.20	37.00
1975	303,423	385,210	8,473	393,683	.....	11.30	42.10
1976	314,919	391,672	9,056	400,728	.....	13.20	46.90
1977	321,057	390,503	9,905	400,408	.....	13.40	51.30
1978	389,857	462,645	11,244	473,889	.....	21.70	62.70
1979 <sup>5</sup>	418,472	483,943	11,763	495,706	.....	26.30	66.70

<sup>1</sup>Lambs born in the Native States, and lambs docked or branded in the Western States. <sup>2</sup>Includes animals custom slaughtered for use on farms where produced, but excludes interfarm sales within the State. <sup>3</sup>Beginning 1966, excludes custom slaughter. <sup>4</sup>Adjustments made for changes in inventory and for inshipments. <sup>5</sup>Preliminary. <sup>6</sup>Receipts from marketings and sale of farm-slaughtered meat. <sup>7</sup>Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption. <sup>8</sup>Discontinued.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 487.—Sheep and lambs: Average price per 100 pounds at Omaha, 1965-79 <sup>1</sup>

Year beginning May	Sheep			Lambs			Year beginning May	Sheep			Lambs		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.		May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.		Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1965	4.89	6.22	6.03	23.88	26.20	24.85	1973	11.96	13.81	12.64	36.41	38.70	37.37
1966	5.72	5.80	6.91	23.14	21.79	27.10	1974	6.98	7.80	7.32	40.46	42.10	41.15
1967	5.82	5.94	5.86	24.80	25.20	24.97	1975	8.75	11.92	10.07	45.14	51.44	47.77
1968	5.84	7.78	6.65	27.07	27.50	27.25	1976	9.95	11.83	10.78	45.39	50.50	47.52
1969	7.86	8.05	7.94	28.97	27.98	28.55	1977	10.82	13.75	12.04	53.30	64.43	57.94
1970	7.07	5.80	6.54	27.55	26.03	26.92	1978	16.61	21.50	17.69	61.68	68.15	64.38
1971	5.04	4.93	4.99	28.16	28.48	28.29	1979	18.75	17.00	18.22	64.93	63.53	64.34
1972	6.16	8.40	7.09	30.80	35.47	32.75							

See footnotes on page 330.

Table 488.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1979 (preliminary)

State	Marketings <sup>1</sup>		Shipped in	Slaughter on farms <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>3</sup>	Cash receipts from sales of sheep, lambs, and mutton and lamb <sup>4</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>5</sup>
	Sheep	Lambs							
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Alaska .....				0.4	(6)		7	7	14
Ariz .....	45	226	70	52	21,480	13,349	16,604	2,261	18,865
Calif .....	53	742	272	14	72,155	47,526	55,421	1,151	56,572
Colo .....	35	839	645	6	65,811	43,351	67,566	467	68,033
Conn .....	7	2.5		3	267	176	181	39	170
Idaho .....	45	371	63	3	38,977	22,556	24,508	265	24,773
Ill .....	30	88	11	2	13,383	6,619	6,371	371	6,742
Ind .....	27	83	1	1	9,780	5,181	5,156	203	5,359
Iowa .....	16	206	59	2	20,858	12,302	14,373	323	14,696
Kans .....	8	180	94	1	14,428	9,319	12,073	88	12,161
Ky .....	3	13	2	1	1,551	836	825	95	920
La .....	2	2		2	431	206	117	117	234
Maine .....	1	4		1	620	371	180	143	323
Md .....	3	7		1	1,217	545	435	82	517
Mass .....	8	2.5		5	327	226	117	82	199
Mich .....	3	61	1	1	7,905	4,651	4,116	114	4,230
Minn .....	30	154	38	2	18,519	10,690	11,643	194	11,837
Mo .....	14	66	3	2	7,803	4,371	4,501	194	4,695
Mont .....	72	129	33	3	22,961	10,285	10,753	247	11,000
Nebr .....	15	104	108	1	8,438	5,183	7,717	99	7,816
Nev .....	1	117	68	3	7,580	4,304	7,575	132	7,707
N.H .....	1.1	2.7		6	368	222	135	89	224
N.J .....	1.6	3.5	8	1.0	470	248	188	115	303
N. Mex .....	70	220	153	35	19,878	12,851	14,723	1,635	16,358
N.Y .....	11	23	4	3	3,397	1,678	1,499	261	1,760
N.C .....	9	2.8		4	429	194	147	28	175
N. Dak .....	7	80	22	1	11,694	6,503	5,338	143	5,481
Ohio .....	11	246	3	2	19,629	13,463	14,760	142	14,902
Okl .....	9	47	12		5,261	3,180	3,491		3,491
Oreg .....	33	171	24	5	24,078	12,765	12,348	537	12,885
Pa .....	3	31		3	3,906	2,588	2,094	253	2,347
S. Dak .....	98	484	90	3	64,510	38,480	40,238	311	40,549
Tenn .....	4	7	3		658	316	420		420
Tex .....	380	770	190	2	114,505	62,084	71,658	167	71,825
Utah .....	16	264	30	6	29,135	17,219	17,151	379	17,530
Vt .....	1.7	3.6		5	558	349	253	83	336
Va .....	26	107	5	1	12,227	6,910	7,095	132	7,227
Wash .....	1	29	6	4	4,401	2,297	1,916	274	2,190
W. Va .....	11	65	1	1	6,699	3,841	3,830	110	3,940
Wis .....	3	59	11	1	7,523	4,180	3,531	188	3,719
Wyo .....	212	410	118	3	48,201	27,078	32,938	242	33,180
U.S .....	1,305	6,423	2,141	172	712,017	418,472	483,943	11,763	495,706

<sup>1</sup>Includes animals custom slaughtered for use on farms where produced, but excludes interfarm sales within the State.

<sup>2</sup>Excludes animals custom slaughtered for farmers at commercial establishments.

<sup>3</sup>Adjustments made for changes in inventory and for shipments.

<sup>4</sup>Receipts from marketings and sale of farm-slaughtered meat.

<sup>5</sup>Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.

<sup>6</sup>Decrease in inventory and large death loss of sheep resulted in a deficit in number of pounds produced.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 487

<sup>1</sup>Simple average of monthly bulk-of-sales prices from data of the livestock reporting service.

Agricultural Marketing Service.

Table 489.—Sheep and lambs: Receipts at selected public stockyards, 1965-79<sup>1</sup>

Year	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting <sup>2,3</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965 .....	136	989	489	438	424	121	203	616	310	2,443	6,169
1966 .....	137	758	424	411	401	111	226	625	302	3,029	6,424
1967 .....	172	488	557	206	370	96	215	589	250	2,729	5,672
1968 .....	167	302	444	165	236	90	257	549	195	2,574	4,979
1969 .....	60	191	393	118	160	81	277	491	171	2,309	4,251
1970 .....	24	137	351	69	134	86	253	333	153	2,155	3,695
1971 .....	46	104	144	55	123	77	97	238	104	1,931	2,879
1972 .....		9	17	43	111	60	83	228	107	1,895	2,553
1973 .....		( <sup>4</sup> )	12	36	97	41	67	243	102	1,779	2,377
1974 .....			10	29	88	35	52	254	98	1,679	2,245
1975 .....			7	22	81	29	41	247	81	1,394	1,902
1976 .....			5	19	76	28	36	218	55	1,325	1,707
1977 .....			4	14	73	25	36	165	47	1,247	1,611
1978 .....			2	12	51	22	19	126	29	993	1,254
1979 .....			1	14	54	18	20	126	23	1,037	1,293

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards. Saleable receipts only, 1978.<sup>2</sup> Rounded totals of complete figures.<sup>3</sup> The number of stockyards reporting varies from 41 to 68.<sup>4</sup> Market closed Aug. 1, 1971.<sup>5</sup> Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 490.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1979<sup>1</sup>

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>		<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
Ala .....	0.2	13	67	N. Mex .....	79.9	9,779	122
Ariz .....	1.7	161	97	N.Y. ....	44.2	4,184	95
Ark .....	.6	53	89	N.C. ....	.5	46	83
Calif .....	931.0	105,483	113	N. Dak .....	.7	79	108
Colo .....	996.0	119,975	120	Ohio .....	17.7	1,793	101
Del. and Md .....	30.1	3,120	104	Okla .....	2.3	237	104
Fla .....	.5	34	74	Oreg .....	26.0	2,863	110
Ga .....	.3	22	90	Pa .....	157.7	16,094	102
Idaho .....	4.8	524	110	S.C. ....	.1	9	100
Ill .....	290.4	32,265	111	S. Dak .....	371.8	42,552	114
Ind .....	7.0	621	89	Tenn .....	1.4	126	89
Iowa .....	158.5	17,274	109	Tex .....	949.6	106,686	112
Kans .....	3.7	412	112	Utah .....	22.9	2,593	113
Ky .....	10.4	1,097	105	Va .....	2.7	280	103
La .....	3.4	300	89	Wash .....	226.8	26,841	118
Mich .....	264.1	29,010	110	W. Va .....	.7	80	109
Minn .....	357.8	41,114	115	Wis .....	5.5	552	101
Mo .....	13.6	1,373	101	Wyo .....	1.8	203	115
Mont .....	2.3	257	110	N. Eng. <sup>2</sup> .....	10.2	838	82
Nebr .....	1.5	146	101				
Nev .....	2.1	230	110	U.S. ....	5,017.1	570,553	114
N.J. ....	14.6	1,236	85				

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers.<sup>2</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 491—Sheep and lambs: Number slaughtered, United States, 1965-79

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>				Federally inspected	Other	Total <sup>1</sup>		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965 .....	11,710	1,297	13,006	294	13,300	1973 .....	9,234	363	9,597	202	9,799
1966 <sup>2</sup> .....	11,553	1,184	12,737	268	13,005	1974 .....	8,556	291	8,847	217	9,064
1967 .....	11,516	1,275	12,791	245	13,036	1975 .....	7,552	283	7,835	212	8,047
1968 .....	10,888	996	11,884	237	12,121	1976 .....	6,474	240	6,714	197	6,911
1969 .....	10,070	621	10,691	233	10,924	1977 .....	6,133	223	6,356	199	6,555
1970 .....	10,010	542	10,552	249	10,801	1978 .....	5,169	200	5,369	174	5,543
1971 .....	10,256	473	10,729	236	10,965	1979 .....	4,833	184	5,017	172	5,189
1972 .....	9,905	396	10,301	224	10,525						

<sup>1</sup>Totals are based on unrounded numbers.<sup>2</sup>Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 492.—Sheep and lambs: Number slaughtered, average dressed and live weights, percentage distribution, by class, Federally inspected and commercial, 1965-79<sup>1</sup>

Year	Federally inspected									Commercial		
	Lambs and yearlings			Mature sheep			Total			All sheep and lambs		
	Number head	Pct. of total	Avg. dressed weight	Number head	Pct. of total	Avg. dressed weight	Number head	Avg. dressed weight	Avg. live weight	Number head	Avg. dressed weight	Avg. live weight
1965 ..	<i>Thousands</i>	<i>Percent</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Percent</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>
1965 ..	11,063	94.5	.....	646	5.5	.....	11,710	49	100	13,006	49	100
1966 ..	10,795	93.4	.....	758	6.6	.....	11,553	51	102	12,737	50	102
1967 ..	10,735	93.2	.....	781	6.8	.....	11,516	50	102	12,791	50	101
1968 ..	10,198	93.7	.....	690	6.3	.....	10,888	50	102	11,884	50	102
1969 ..	9,340	92.8	.....	728	7.2	.....	10,070	51	104	10,691	51	104
1970 ..	9,298	92.9	.....	711	7.1	.....	10,010	52	105	10,552	52	104
1971 ..	9,437	92.0	.....	819	8.0	.....	10,256	51	104	10,729	51	104
1972 ..	9,229	93.2	.....	677	6.8	.....	9,905	52	105	10,301	52	105
1973 ..	8,426	91.2	.....	808	8.8	.....	9,234	53	108	9,597	53	107
1974 ..	7,987	93.3	.....	569	6.7	.....	8,556	52	105	8,847	52	105
1975 ..	6,993	92.6	.....	558	7.4	.....	7,552	51	109	7,835	51	104
1976 ..	6,058	93.6	.....	416	6.4	.....	6,474	54	108	6,714	54	109
1977 ..	5,643	92.0	54	489	8.0	55	6,133	54	108	6,356	54	108
1978 ..	4,810	93.1	57	359	6.9	56	5,169	56	113	5,369	56	112
1979 ..	4,499	93.1	57	334	6.9	55	4,833	57	114	5,017	57	114

<sup>1</sup>All percents and weights calculated using unrounded totals.

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Table 493.—Livestock: Average price per 100 pounds received by farmers, by States, 1978 and 1979

State	Cows <sup>1</sup>		Steers and heifers		Beef cattle <sup>2</sup>		Calves	
	1978	1979	1978	1979	1978	1979	1978	1979
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala .....	36.10	51.10	47.30	69.80	43.20	62.90	54.00	81.90
Alaska .....	50.00	48.00	59.00	57.00	54.70	53.00	37.00	46.80
Ariz .....	37.20	48.90	51.80	68.70	50.80	65.70	61.60	87.50
Ark .....	35.50	52.30	53.00	73.60	50.50	66.30	50.00	86.80
Calif .....	36.50	49.80	51.40	69.10	48.80	65.80	51.00	76.70
Colo .....	37.70	53.30	51.50	68.50	51.00	67.90	63.50	93.60
Conn .....	38.70	48.50	47.80	59.00	46.00	57.00	57.00	74.00
Del .....	36.20	52.10	47.50	63.80	40.90	56.60	57.60	88.80
Fla .....	34.70	51.50	49.30	74.10	43.30	65.60	59.40	95.30
Ga .....	34.90	49.60	47.40	69.60	42.30	60.70	55.70	85.80
Hawaii .....	28.50	42.50	41.50	54.00	39.10	51.20	40.00	63.00
Idaho .....	37.10	48.00	51.60	69.30	49.90	66.90	66.80	89.30
Ill .....	34.80	47.80	50.00	66.40	48.40	64.30	54.50	79.30
Ind .....	35.50	49.70	50.30	65.00	45.60	63.80	56.10	82.80
Iowa .....	37.10	49.80	51.10	68.00	50.90	65.80	56.50	84.60
Kans .....	35.60	49.90	53.10	71.50	52.10	70.10	60.20	92.60
Ky .....	35.50	48.80	50.10	70.80	46.80	65.10	56.00	83.00
La .....	34.90	51.10	53.00	71.00	42.90	59.90	59.10	88.10
Maine .....	39.40	45.50	44.50	55.00	43.50	53.00	52.00	71.00
Md .....	36.60	51.30	48.00	63.40	41.40	56.10	57.20	87.00
Mass .....	36.30	48.50	43.30	59.00	41.90	57.00	57.00	76.00
Mich .....	36.90	50.50	50.60	65.60	44.20	58.20	61.60	86.60
Minn .....	37.50	50.70	49.10	64.20	43.50	58.90	58.20	81.90
Miss .....	34.20	50.00	51.30	70.70	42.50	60.20	59.80	88.00
Mo .....	34.70	49.40	51.70	70.70	48.30	66.60	57.20	84.30
Mont .....	38.50	47.70	57.00	73.90	51.50	67.10	70.30	89.80
Nebr .....	36.20	50.00	52.00	68.70	50.10	66.30	60.70	88.40
Nev .....	35.20	46.80	51.50	67.70	48.40	63.60	61.20	84.20
N.H .....	36.00	44.50	41.50	54.00	40.40	52.00	52.50	74.00
N.J .....	34.90	50.10	48.90	64.80	36.70	52.00	55.70	94.70
N. Mex .....	35.90	48.20	54.00	70.60	52.90	69.20	60.80	87.60
N.Y .....	35.30	49.80	44.00	61.20	36.60	51.50	58.20	88.80
N.C .....	34.90	49.40	46.20	65.50	39.90	57.20	55.00	82.10
N. Dak .....	34.80	47.40	52.50	75.60	48.40	67.70	60.10	85.60
Ohio .....	37.10	50.40	50.20	65.80	48.00	61.90	60.20	85.70
Okla .....	35.30	50.70	54.60	75.50	49.60	69.90	60.30	87.30
Oreg .....	35.60	48.20	49.70	66.40	46.70	62.60	53.50	76.00
Pa .....	36.90	51.40	50.80	66.80	43.90	59.50	64.30	97.90
R.I .....	37.50	48.50	45.60	59.00	44.00	56.00	57.00	75.00
S.C .....	36.40	52.10	49.20	69.00	42.70	60.20	55.00	87.50
S. Dak .....	36.20	49.70	51.30	70.80	49.40	63.10	64.90	91.90
Tenn .....	33.90	46.90	49.90	73.00	41.00	58.50	57.80	85.30
Tex .....	35.00	51.40	51.50	70.70	47.70	63.20	60.10	88.30
Utah .....	34.40	47.70	51.20	69.30	47.60	64.80	58.70	88.70
Vt .....	36.20	47.50	41.40	59.00	40.40	57.00	56.00	76.00
Va .....	35.90	49.30	45.40	63.30	40.60	58.70	60.40	86.30
Wash .....	35.90	47.70	50.80	69.30	47.40	65.90	54.90	78.60
W. Va .....	34.40	47.70	46.00	65.80	41.10	55.70	57.90	79.50
Wis .....	36.40	50.90	46.70	66.60	38.90	54.70	57.10	113.00
Wyo .....	40.50	51.90	58.00	75.60	54.70	71.40	71.70	93.50
U.S .....	35.80	50.00	51.70	69.80	48.50	66.00	59.10	88.80

See footnotes at the end of table.

Table 493.—Livestock: Average price per 100 pounds received by farmers, by States, 1978 and 1979—Continued

State	Hogs <sup>3</sup>		Sheep		Lambs	
	1978	1979	1978	1979	1978	1979
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala .....	45.10	43.50				
Alaska .....	67.00	77.00	30.00	30.00	55.00	55.00
Ariz .....	50.40	44.10	16.50	20.50	62.30	65.90
Ark .....	46.00	41.70				
Calif .....	43.30	45.90	16.70	21.20	60.90	66.60
Colo .....	46.50	42.30	21.00	23.30	63.30	66.70
Conn .....	45.00	44.00	37.00	38.00	84.00	85.00
Del .....	45.80	43.60				
Fla .....	44.00	40.60				
Ga .....	44.00	39.10				
Hawaii .....	60.50	67.70				
Idaho .....	44.00	37.80	15.50	18.30	60.80	63.50
Ill .....	46.40	42.10	14.30	21.80	55.90	61.80
Ind .....	46.40	41.90	16.60	22.80	54.30	61.10
Iowa .....	47.00	41.60	17.30	22.90	60.30	65.30
Kans .....	47.00	41.90	16.20	31.00	60.70	65.40
Ky .....	46.20	41.50	11.30	18.30	52.40	57.30
La .....	43.30	42.90	22.50	29.00	60.00	65.00
Maine .....	45.00	44.00	33.00	34.00	80.00	81.00
Md .....	46.10	43.60	15.80	20.30	56.70	60.50
Mass .....	45.00	44.00	38.00	39.00	84.00	85.00
Mich .....	47.60	42.90	20.30	28.00	62.10	66.60
Minn .....	46.70	42.00	20.90	24.60	64.00	66.90
Miss .....	46.80	42.40				
Mo .....	46.80	40.90	16.40	24.10	59.90	64.80
Mont .....	44.80	39.50	18.20	24.40	67.10	68.20
Nebr .....	47.10	41.90	17.00	25.30	62.70	66.70
Nev .....	49.10	41.30	16.40	18.10	57.90	61.50
N.H .....	45.00	44.00	35.00	36.00	83.00	84.00
N.J .....	44.00	41.30	27.50	37.00	51.00	60.00
N. Mex .....	47.90	42.80	20.60	27.80	67.90	71.90
N.Y .....	44.90	43.20	15.70	20.90	62.70	68.20
N.C .....	46.70	42.30	20.00	26.80	44.50	55.00
N. Dak .....	45.30	40.80	15.50	24.50	61.60	68.20
Ohio .....	47.50	43.00	21.20	27.50	61.20	65.30
Okla .....	46.30	41.20	13.20	20.80	56.50	69.40
Oreg .....	46.30	42.80	16.70	17.70	61.40	62.70
Pa .....	46.30	43.00	19.80	29.30	70.00	74.40
R.I .....	45.00	44.00				
S.C .....	45.10	41.80				
S. Dak .....	47.40	41.30	17.00	23.80	63.00	70.10
Tenn .....	46.70	41.70	12.20	18.00	44.70	54.10
Tex .....	43.80	39.70	27.20	29.40	67.60	69.10
Utah .....	45.30	40.30	15.70	19.20	59.50	63.80
Vt .....	45.00	44.00	35.00	36.00	80.00	81.00
Va .....	45.50	42.50	21.00	23.00	61.00	63.00
Wash .....	48.40	43.80	11.80	13.80	62.40	64.30
W. Va .....	45.40	38.70	20.00	23.70	57.20	61.60
Wis .....	45.90	41.40	15.10	19.80	58.20	62.50
Wyo .....	44.80	39.40	27.80	32.00	67.90	69.60
U.S .....	46.60	41.80	21.70	26.30	62.70	66.70

<sup>1</sup> Includes cull dairy cows sold for slaughter, but not cows for dairy herd replacement.<sup>2</sup> Weighted average of prices for cows, and for steers and heifers with allowance, where necessary, for sale of bulls for slaughter.<sup>3</sup> December of preceding year through November.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 494.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, value of production, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1965-79

Year	Sheep and lambs shorn <sup>1</sup>	Weight per fleece	Shorn wool production	Price per pound <sup>2</sup>	Value of production <sup>3</sup>	Pulled wool production	
						Average weight per skin	Total
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>Pounds</i>	<i>1,000 pounds</i>
1965 .....	23,756	8.48	201,463	47.1	94,999	3.37	23,300
1966 .....	22,923	8.51	195,053	52.1	101,204	3.43	24,100
1967 .....	22,056	8.57	188,984	39.8	75,177	3.44	22,400
1968 .....	20,759	8.55	177,396	40.5	71,778	3.43	20,500
1969 .....	19,584	8.46	165,749	41.8	69,516	3.46	17,100
1970 .....	19,163	8.43	161,587	35.4	57,162	3.40	15,200
1971 .....	19,036	8.41	160,156	19.6	31,416	3.46	12,000
1972 .....	18,770	8.44	158,506	35.0	55,496	3.40	9,700
1973 .....	17,425	8.25	143,738	82.7	118,839	3.49	8,000
1974 .....	15,956	8.24	131,382	59.2	77,788	3.31	5,700
1975 .....	14,403	8.30	119,535	44.7	53,505	3.35	5,300
1976 .....	13,669	8.11	110,817	65.7	73,148	3.34	4,000
1977 .....	13,214	8.11	107,159	72.0	77,147	3.30	1,700
1978 .....	12,609	8.08	101,874	74.5	75,883	3.15	550
1979 <sup>4</sup> .....	12,826	8.02	102,803	86.3	88,719	3.15	260

  

Year	Total wool production	Apparel wool (clean content)				Carpet wool imports for consumption (clean content) <sup>7</sup>
		Domestic production <sup>5</sup>	Exports domestic wool <sup>6</sup>	Imports for consumption <sup>7</sup>	Total new supply <sup>8</sup>	
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1965 .....	224,763	113,084	617	162,637	275,104	108,943
1966 .....	219,153	110,609	86	162,537	273,060	114,625
1967 .....	211,384	106,475	102	109,071	215,444	78,205
1968 .....	197,896	99,563	543	123,717	223,737	119,599
1969 .....	182,849	91,528	196	93,523	184,855	95,664
1970 .....	176,787	88,158	200	79,810	167,768	73,325
1971 .....	172,156	85,143	6,318	42,682	121,507	83,898
1972 .....	168,206	90,762	11,224	24,790	104,328	71,849
1973 .....	151,738	81,726	3,726	19,587	97,587	40,524
1974 .....	137,082	73,525	4,271	11,800	81,054	15,148
1975 .....	124,835	66,978	7,674	16,572	75,876	17,021
1976 .....	114,817	61,427	1,130	38,387	98,684	19,076
1977 .....	108,859	57,819	385	34,175	91,609	18,780
1978 .....	102,424	54,190	425	27,000	80,765	23,404
1979 <sup>4</sup> .....	103,063	54,470	313	20,283	74,440	22,046

<sup>1</sup>Includes sheep shorn at commercial feeding yards.

<sup>2</sup>Price computed by weighting State average prices for all wool sold during the year by sales of shorn wool.

<sup>3</sup>Production by States multiplied by annual average price.

<sup>4</sup>Preliminary.

<sup>5</sup>Conversion factors from grease basis to clean basis are as follows: Shorn wool production—47.7 percent (Stat. Bull. 362) from 1965-1971, and 52.8 percent (Stat. Bull. 616) from 1972-1979; pulled wool production—72.9 percent.

<sup>6</sup>Includes carpet wool exports.

<sup>7</sup>Apparel wool includes all dutiable wool; carpet wool includes all duty-free wool.

<sup>8</sup>Production minus exports plus imports; stocks not taken into consideration.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics. Imports and exports from reports of the U.S. Department of Commerce.

Table 495.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1977-79

State	Sheep and lambs shorn <sup>1</sup>			Weight per fleece <sup>3</sup>			Shorn wool production			Price per pound			Value of production <sup>4</sup>	
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents	1,000 dollars	1,000 dollars
Ala.....	3			6.2			19			65			12	
Alaska.....	4.3			10.3			44			75			33	
Ariz. <sup>a</sup> .....	344	336	340	7.0	7.7	7.6	2,423	2,595	2,576	58	60	69	1,557	21
Ark.....	4.6			7.2			33			63			21	
Calif. <sup>a</sup> .....	1,291	1,310	1,364	7.7	7.7	7.7	9,925	10,117	10,503	71	73	85	7,047	7,385
Colo. <sup>a</sup> .....	1,207	1,007	1,130	7.3	7.6	7.6	8,909	7,689	8,533	70	73	86	6,166	6,513
Conn. <sup>a</sup> .....	5.6	5.2	5.3	7.2	7.7	6.8	40		36	75	72	82	30	29
Del.....	1.7			7.4			13			70			9	
Fla.....	3.6			5.3			19			60			11	
Ga.....	2.6			6.0			16			66			11	
Idaho <sup>a</sup> .....	489	489	473	10.8	10.2	10.4	5,281	4,999	4,927	69	74	85	3,644	3,699
Ill. <sup>a</sup> .....	133	181	187	7.5	7.2	7.2	1,368	1,298	1,322	67	69	73	917	896
Ind. <sup>a</sup> .....	132	163	163	7.6	7.5	7.4	1,396	1,293	1,211	62	64	68	839	828
Iowa <sup>a</sup> .....	433	412	415	7.3	7.1	7.3	3,181	2,909	3,046	68	69	74	2,163	2,007
Kans. <sup>a</sup> .....	221	236	245	7.7	7.3	7.3	1,702	1,712	1,784	67	69	78	1,140	1,181
Ky.....	26	23	21	7.0	7.0	7.2	182	161	151	66	66	76	120	106
La.....	13	13	12	6.6	6.3	6.2	86	82	74	60	60	68	52	49
Maine.....	10	11	11	7.0	6.9	6.8	70	76	75	74	74	80	52	58
Me. <sup>a</sup> .....	17	18	18	7.2	7.2	7.1	122	130	128	72	75	82	88	98
Mass. <sup>a</sup> .....	6.2	6.3	6.6	7.1	6.8	6.8	44	43	45	78	74	84	34	32
Mech. <sup>a</sup> .....	143	128	118	7.8	8.1	7.9	1,111	1,040	934	67	67	73	744	697
Minn. <sup>a</sup> .....	251	243	252	7.6	7.6	7.7	1,905	1,857	1,933	66	67	71	1,257	1,244
Miss. <sup>a</sup> .....	4.8			5.2			25			66			17	
Mo. <sup>a</sup> .....	129	126	127	7.4	7.4	7.3	954	928	928	68	69	75	649	696
Mont. <sup>a</sup> .....	460	440	441	9.7	10.0	9.8	4,442	4,379	4,307	75	81	94	3,352	3,547
Nebr. <sup>a</sup> .....	195	198	215	6.9	7.2	7.0	1,344	1,420	1,506	69	69	75	927	980
Nev. <sup>a</sup> .....	110	102	100	10.2	10.4	10.3	1,122	1,061	1,030	63	69	84	707	732
N.H. <sup>a</sup> .....	6.7			6.7			43		44	79	75	82	34	36
N.J. <sup>a</sup> .....	8.2	7.4	8.5	7.0	6.7	6.7	56	52	58	72	74	82	40	38
N.M. <sup>a</sup> .....	8.1			6.8	7.0	6.8	56	52	58	72	74	82	40	38
N. Mex. <sup>a</sup> .....	496	532	545	9.4	9.6	9.1	4,656	5,092	4,978	71	73	92	3,306	3,717
N.Y. <sup>a</sup> .....	56	54	55	7.0	7.1	7.2	391	396	396	75	75	85	293	296
N.C. <sup>a</sup> .....	6	7	6	6.4	6.4	6.8	51	45	41	74	72	80	38	32
N.D. <sup>a</sup> .....	179	169	175	9.8	9.9	9.5	1,748	1,670	1,670	70	74	82	1,224	1,236
Ohio <sup>a</sup> .....	416	365	345	7.8	7.6	7.4	3,283	2,769	2,552	67	67	72	1,856	1,855
Okl. <sup>a</sup> .....	66	78	84	7.4	7.4	7.4	518	576	620	65	66	75	337	380
Oreg. <sup>a</sup> .....	460	485	545	7.4	7.2	6.6	3,401	3,490	3,610	73	76	85	2,483	2,645
Pa. <sup>a</sup> .....	92	74	78	7.1	7.1	7.1	653	525	554	72	76	85	470	399
R.I. <sup>a</sup> .....	2.1			6.7			14			75			11	
S.C. <sup>a</sup> .....	1.3			6.0			8			64			5	
S. Dak. <sup>a</sup> .....	689	743	779	9.1	9.1	9.0	6,236	6,725	7,019	73	76	84	4,552	5,111
Tenn. <sup>a</sup> .....	14	12	11	5.7	6.5	5.9	80	72	65	72	75	79	58	64
Tex. <sup>a</sup> .....	2,930	2,700	2,720	7.2	6.9	7.0	21,000	18,500	19,075	82	83	97	17,220	15,355
Utah <sup>a</sup> .....	539	483	460	10.4	10.2	10.2	5,581	4,945	4,689	64	70	88	3,572	3,462



Vt .....	6.2	7.3	7.5	6.8	7.5	7.2	42	55	54	74	76	85	31	42	46
Va .....	161	150	145	6.2	6.3	6.3	936	945	914	78	81	90	730	765	823
Wash .....	63	60	58	9.8	9.0	9.0	616	578	523	68	70	81	419	405	424
W. Va .....	116	114	106	5.8	5.9	5.9	634	661	620	79	81	88	540	535	546
Wis .....	82	77	93	7.8	7.6	7.8	636	584	724	67	68	72	426	397	521
Wyo. e .....	1,100	1,025	952	9.9	10.1	10.0	10,880	10,317	9,516	71	75	91	7,725	7,738	8,660
U.S. ....	13,214	12,609	12,826	8.11	8.08	8.02	107,159	101,874	102,803	72	75	78	77,147	75,883	88,719

<sup>1</sup>Includes shearing at commercial feeding yards.

<sup>2</sup>Preliminary.

<sup>3</sup>For Texas and California, the weight per fleece is the amount of wool shorn per sheep and lamb during the year.

<sup>4</sup>Production multiplied by annual average price.

<sup>5</sup>Estimates discontinued.

<sup>a</sup>Price per pound calculated by weighting monthly prices by monthly sales of wool for footnoted States. The prices for remaining States are annual averages.

<sup>1</sup>U.S. average price per pound derived using unrounded value and production.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 496.—Wool: Production in specified countries, greasy basis, 1977-79<sup>1</sup>

Continent and country	1977 <sup>2</sup>	1978 <sup>2</sup>	1979 <sup>2</sup>	Continent and country	1977 <sup>2</sup>	1978 <sup>2</sup>	1979 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Soviet Union .....	455.0	458.0	460.0
Canada <sup>3</sup> .....	0.9	0.9	1.0	Africa:			
Mexico .....	3.6	3.6	3.6	Egypt .....	3.9	4.0	4.0
United States <sup>4</sup> .....	49.9	46.4	45.9	Morocco .....	20.0	21.0	21.5
Total .....	54.4	50.9	50.5	South Africa <sup>5</sup> .....	113.4	110.9	110.9
South America:				Total .....	137.3	135.9	136.4
Argentina .....	172.0	170.8	170.0	Asia:			
Brazil .....	26.9	28.0	29.0	India .....	33.1	34.2	34.5
Chile .....	22.1	22.2	22.5	Iran .....	33.9	34.3	34.4
Colombia .....	1.2	1.2	1.3	Iraq .....	18.2	18.5	18.5
Peru .....	8.7	8.7	8.4	Israel .....	.4	.4	.4
Uruguay .....	62.2	62.7	63.0	Outer Mongolia .....	21.2	21.2	21.2
Total .....	293.1	293.6	294.2	Pakistan .....	33.4	36.2	39.9
Europe:				China, Mainland .....	61.0	61.0	61.0
Belgium and Luxembourg ..	.9	.9	1.0	Syria .....	13.8	13.8	13.8
Denmark .....	.2	.2	.2	Turkey .....	54.1	54.5	54.5
France .....	22.4	23.3	23.5	Total .....	269.1	274.1	278.2
Germany, Fed. Rep. of .....	4.6	4.6	4.6	Oceania:			
Ireland .....	9.1	8.7	9.0	Australia .....	677.4	695.4	710.0
Italy .....	12.8	13.0	13.2	New Zealand .....	310.8	316.5	320.0
Netherlands .....	2.4	2.4	2.4	Total .....	988.2	1,011.9	1,030.0
United Kingdom .....	48.0	50.1	53.6	World total <sup>6</sup> .....	2,464.9	2,496.6	2,528.5
Total EC .....	100.4	103.2	107.5				
Austria .....	.6	.6	.6				
Greece .....	9.1	8.9	9.0				
Norway .....	4.7	4.8	5.0				
Portugal .....	9.7	9.9	10.0				
Spain .....	23.0	27.5	28.0				
Sweden .....	.8	.8	.8				
Switzerland .....	.7	.8	.8				
Total Western Europe ....	154.0	156.5	161.7				
Bulgaria .....	33.0	33.0	33.0				
Czechoslovakia .....	3.6	3.6	3.6				
German Dem. Rep. ....	10.4	10.6	10.8				
Hungary .....	9.9	10.8	11.1				
Poland .....	12.3	13.3	14.6				
Romania .....	34.7	35.0	35.0				
Yugoslavia .....	9.7	9.5	9.4				
Total Eastern Europe ....	113.6	115.7	117.5				
Total Europe .....	267.6	272.2	279.2				

<sup>1</sup> Includes shorn wool, pulled wool, and wool exported on skins, with the latter two converted to a greasy basis. Wool produced in the spring in the Northern Hemisphere is combined with that produced in the season beginning July 1 or Oct. 1 of the same year in the Southern Hemisphere.

<sup>2</sup> Preliminary and subject to revision.

<sup>3</sup> Does not include pulled wool.

<sup>4</sup> Includes pulled wool converted to greasy basis using 1.7 as conversion factor.

<sup>5</sup> Includes Republic of South Africa, Lesotho, and Namibia (South-West Africa).

<sup>6</sup> Totals may not add due to rounding.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 497.—Wool: Price-support operations, United States, 1965-79

Marketing year	Shorn wool price per pound		Payment rate		Marketings covered by payments <sup>3</sup>		Amount of payments <sup>4</sup>		
	Support	Season average received by producers	Average for shorn wool per pound <sup>1</sup>	Unshorn lambs per cwt. <sup>2</sup>	Shorn wool	Unshorn lambs	Shorn wool	Unshorn lambs	Total
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1965 .....	62	47.1	14.9	60	195	1,207	28.1	6.1	34.2
1966 .....	65	52.1	12.9	52	170	1,201	21.1	5.1	26.2
1967 .....	66	39.8	26.2	105	189	1,150	47.8	9.9	57.7
1968 .....	67	40.5	26.5	106	176	1,114	44.8	9.6	54.4
1969 .....	69	41.8	27.2	109	160	1,035	41.5	9.1	50.6
1970 .....	72	35.5	36.5	146	149	1,005	52.0	12.0	64.0
1971 .....	72	19.4	52.6	210	169	978	85.0	17.3	102.3
1972 .....	72	35.0	37.0	148	158	957	55.8	11.8	67.6
1973 .....	72	82.7	.....	52	.....	.....	.....	.....	.....
1974 .....	72	59.1	12.9	.....	95	613	11.6	2.9	14.5
1975 .....	72	44.7	27.3	109	135	571	35.1	5.7	40.8
1976 .....	72	65.7	6.3	25	96	471	5.8	1.2	7.0
1977 .....	99	72.0	27.0	108	96	424	24.3	4.6	28.9
1978 .....	108	74.5	33.5	134	92	386	29.6	5.2	34.8
1979 .....	115	86.3	28.7	115	.....	.....	.....	.....	.....

<sup>1</sup> Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketings of shorn wool.

<sup>2</sup> For unshorn lambs sold.

<sup>3</sup> Unadjusted for weight of unshorn lambs produced.

<sup>4</sup> Payments for wool produced during the year shown are made after Mar. 31 of the following year.

Agricultural Stabilization and Conservation Service.

Table 498.—Wool: Average price per pound, clean basis, delivered to United States mills, 1965-79

Year	Territory <sup>1</sup>		Fleece $\frac{3}{8}$ blood good French combing and staple <sup>2</sup>	Australian 64's good topmaking (in bond, American yield)
	Fine good French combing and staple	$\frac{3}{8}$ blood good French combing and staple		
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1965 .....	125	121	119	116
1966 .....	135	125	117	126
1967 .....	122	98	91	115
1968 .....	121	96	84	118
1969 .....	122	96	86	117
1970 <sup>3</sup> .....	103	89	87	94
1971 .....	66	65	66	80
1972 .....	116	94	93	132
1973 .....	250	167	159	304
1974 .....	176	126	119	217
1975 .....	150	96	86	180
1976 <sup>4</sup> .....	182	143	136	192
1977 .....	183	161	158	202
1978 .....	189	168	164	208
1979 .....	218	182	175	251

<sup>1</sup> Wool grown in the range areas of Oregon, Washington, the intermountain States (including Arizona and New Mexico) and parts of the Dakotas, Kansas, Nebraska, and Oklahoma. These wools vary considerably in shrinkage and color.

<sup>2</sup> Most wool grown in the farm areas of the Dakotas, Nebraska, Kansas, Oklahoma, and parts of Minnesota, Wisconsin, Iowa, and Missouri is somewhat dark in color and of moderately heavy shrinkage. Most of that grown in the States which are east of the Mississippi river and in parts of Minnesota, Iowa, and Missouri is bright in color and of relatively light shrinkage.

<sup>3</sup> Beginning January 1970 reported as Australia Type 62-64's.

<sup>4</sup> Beginning January 1976, the unit designation terminology for wool prices changed to microns. For example, Fine good French combing and staple now reads as 64's (20.60-22.04 microns) Staple  $2\frac{3}{4}$ " and up French combing  $2\frac{1}{4}$ "- $2\frac{3}{4}$ ". For fleece  $\frac{3}{8}$  blood good French combing and staple, there are now two designations as follows: 56's (26.40-27.84 microns) and 58's (24.95-26.39 microns) staple  $3\frac{1}{4}$ " and up. An average of the two is given in the price data here.

Economics, Statistics, and Cooperatives Service—Economics.

Table 499.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1970-79<sup>1</sup>

Item	1970 <sup>1</sup>	1971	1972	1973	1974	1975 <sup>2</sup>	1976	1977	1978	1979 <sup>3</sup>
Apparel wool: <sup>4</sup>										
Woolen system: <sup>5</sup>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
60's and finer .....	18.9	14.8	19.9	13.6	10.9	15.7	20.6	22.3	24.4	26.9
50's up to 60's <sup>6</sup> .....	28.8	21.7	26.7	24.7	18.9	25.3	29.2	26.3	28.7	26.3
48's and coarser .....	5.2	3.9	3.6	3.4	3.2	.....	.....	.....	.....	.....
Total .....	52.9	40.4	50.2	41.7	33.0	41.0	49.8	48.6	53.1	53.2
Worsted system:										
60's and finer .....	51.6	37.7	54.6	40.2	23.8	34.1	34.9	27.6	32.7	29.5
Coarser than 60's .....	59.0	38.1	37.4	28.0	18.0	19.0	21.9	19.3	16.5	18.5
Total .....	110.6	75.8	92.0	68.2	41.8	53.1	56.8	46.9	49.2	48.0
Total apparel:										
60's and finer .....	70.5	52.5	74.5	53.8	34.8	49.8	55.5	49.9	57.1	56.4
Coarser than 60's .....	93.0	63.7	67.7	56.1	40.1	44.3	51.1	45.6	45.2	44.8
Total .....	163.5	116.2	142.2	109.9	74.9	94.1	106.6	95.5	102.3	101.2
Carpet wool <sup>7</sup> .....	76.6	75.2	76.4	41.4	18.6	15.9	15.1	12.5	18.0	9.9

<sup>1</sup> Scoured wool, plus greasy wool converted to a scoured basis, using assumed average yields. Includes both pulled and shorn, foreign and domestic wool. Wool was considered as consumed (1) on the woolen system when laid in mixes and (2) on the worsted system as the sum of top and noil production.

<sup>2</sup> 53 weeks.

<sup>3</sup> Preliminary.

<sup>4</sup> Domestic and duty-paid foreign.

<sup>5</sup> Excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous products.

<sup>6</sup> Beginning 1975, 50's up to 60's and 48's and coarser combined.

<sup>7</sup> Duty-free foreign.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 500.—Wool: United States imports (for consumption), clean content, by grades, 1970-79<sup>1</sup>

Grade	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979 <sup>2</sup>
Dutiable: <sup>3</sup>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
56's and finer <sup>4</sup> .....	49.4	30.7	21.4	15.7	8.1	13.7	32.7	27.1	19.8	14.1
46's to 56's <sup>5</sup> .....	13.2	7.1	1.1	1.0	.9	.6	1.6	3.2	7.2	6.2
40's to 46's <sup>6</sup> .....	4.2	1.5	.9	.7	.9	.6	.8	.....	.....	.....
Not finer than 40's .....	7.4	3.2	1.2	1.9	1.8	1.6	3.1	2.9	.....	.....
Named and similar wools	.6	.2	.2	.3	.1	.1	.1	.2	.....	.....
Total .....	79.8	42.7	24.8	19.6	11.8	16.6	38.3	34.2	27.0	20.3
Duty-free: <sup>3</sup>										
Named and similar wools .....	8.9	6.2	7.9	5.7	.5	.9	1.1	1.1	1.6	2.0
Other										
Not finer than 40's .....	44.1	53.3	43.3	26.9	10.3	13.1	14.7	13.9	12.8	10.2
40's to 44's .....	18.1	22.7	16.9	6.9	3.4	2.3	2.3	3.1	4.7	5.6
44's to 46's <sup>7</sup> .....	2.2	1.7	3.7	1.1	.9	.7	1.0	.7	4.3	4.2
Total .....	73.3	83.9	71.8	40.6	15.1	17.0	19.1	18.8	23.4	22.0

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition. <sup>2</sup> Preliminary. <sup>3</sup> Beginning November 1977 duty-free wools include and are limited to all 46's and coarser grades of wool by Public Law 95-162. Beginning January 1978 Bureau of Census data combined duty-free 46's and dutiable 48's wools. In recent years prior to the combination, imports of 48's were negligible compared with 46's.

<sup>4</sup> Finer than 58's beginning in 1978. <sup>5</sup> 50's through 58's beginning in 1978. <sup>6</sup> Beginning in November 1977 duties were suspended through June 30, 1980. <sup>7</sup> Beginning in 1978 through June 30, 1980 the totals include all wools grading 48's and coarser except for named wools.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.



Table 501.—Wool (actual weight): International trade, 1977-79

Country	1977 <sup>1</sup>		1978 <sup>1</sup>		1979 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:						
Canada .....	0.4	3.8	0.5	3.9	0.6	4.0
Mexico .....	.....	3.5	.....	4.9	.....	5.0
United States .....	2.2	30.3	2.2	28.5	2.1	24.0
Total <sup>3</sup> .....	.6	37.6	.7	37.3	.7	33.0
South America:						
Argentina .....	99.1	.....	65.0	.....	80.0	.....
Brazil .....	6.8	.2	7.0	.1	4.0	.....
Chile .....	6.3	1.0	5.0	.5	5.5	.5
Colombia .....	.....	2.8	.....	2.3	.....	2.5
Peru .....	1.3	.....	1.8	.....	1.5	.....
Uruguay .....	32.7	.....	28.5	.....	30.0	.....
Total <sup>3</sup> .....	146.3	4.0	107.3	2.9	121.0	3.0
Europe:						
Belgium-Luxembourg .....	8.2	46.7	8.2	51.5	8.0	50.0
Denmark .....	.2	3.2	.1	3.3	.2	3.5
France .....	32.3	117.4	35.7	114.2	30.0	127.2
Germany, Fed. Rep. of .....	7.0	76.4	7.8	77.0	9.0	80.0
Ireland .....	6.2	8.7	7.6	7.2	7.0	8.0
Italy .....	2.6	87.6	2.6	92.5	2.6	95.0
Netherlands .....	4.2	7.5	5.7	8.2	5.5	8.0
United Kingdom .....	21.0	136.6	21.7	151.5	20.0	150.0
Total EC .....	81.7	484.1	89.4	505.4	82.3	521.7
Austria .....	.3	3.8	.4	3.8	.4	3.8
Finland .....	.....	1.2	.....	1.2	.....	1.2
Greece .....	.5	15.0	.5	16.0	.5	16.0
Norway .....	1.5	1.0	2.0	.9	2.0	1.0
Portugal .....	.1	5.7	.2	5.0	.3	5.0
Spain .....	10.4	23.9	13.0	26.0	13.0	26.0
Sweden .....	.8	1.5	.8	1.3	.8	1.3
Switzerland .....	.6	7.3	.7	7.0	.7	7.0
Total Western Europe <sup>3</sup> .....	95.9	543.5	107.0	566.6	100.0	583.0
Bulgaria .....	.5	.7	.5	.7	.5	.7
Czechoslovakia .....	.8	17.7	.8	18.0	.8	18.0
German Dem. Rep. ....	.....	14.5	.....	14.5	.....	14.5
Hungary .....	.6	2.9	.6	2.9	.6	2.9
Poland .....	.....	17.2	.....	22.0	.....	18.0
Romania .....	.1	3.8	.1	3.0	.1	3.0
Yugoslavia .....	1.1	23.4	1.1	24.0	1.0	25.0
Total Eastern Europe <sup>3</sup> .....	3.1	80.2	3.1	85.1	3.0	82.1
Total Europe <sup>3</sup> .....	99.0	623.7	110.1	651.7	103.0	665.1
Soviet Union .....	2.5	111.6	5.0	100.0	5.0	100.0
Africa:						
Egypt .....	1.2	10.5	.8	10.0	.8	10.0
Morocco .....	.....	3.4	.....	4.9	.....	4.1
South Africa <sup>4</sup> .....	73.6	.6	75.0	.6	75.0	.6
Total .....	74.8	14.5	75.8	15.5	75.8	14.7

See footnotes at end of table.

Table 501.—Wool (actual weight): International trade, 1977-79—Continued

Country	1977 <sup>1</sup>		1978 <sup>1</sup>		1979 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Asia:						
Mongolia .....	11.0		11.0		11.0	
China: Mainland .....	3.0	5.0	3.0	5.0	3.0	5.0
Taiwan .....	1.0	13.9	1.0	17.0	1.0	17.0
India .....	1.2	12.0	1.0	11.5	1.0	11.0
Iran .....	.2	22.0	.2	22.5	.2	22.5
Iraq .....	1.3	.8	1.3	.8	1.3	.8
Israel .....		2.5		2.1		2.0
Japan .....		214.4		201.9		200.0
Korea, Rep. of .....		17.3		21.6		24.5
Pakistan .....	4.0	.8	7.4	1.4	7.5	1.4
Syria .....	6.5	4.0	6.5	4.0	6.5	4.0
Turkey .....		14.8		12.0		12.0
Total Asia <sup>3</sup> .....	28.2	307.5	31.4	299.8	31.5	300.2
Oceania:						
Australia <sup>5</sup> .....	539.5	7.9	621.5	7.0	680.0	7.0
New Zealand <sup>5</sup> .....	242.9	1.1	260.0	1.1	250.0	1.0
Total Oceania .....	782.4	9.0	881.5	8.1	930.0	8.0
Total selected countries <sup>3</sup> .....	1,133.8	1,108.0	1,211.5	1,115.3	1,266.9	1,129.9

<sup>1</sup> Preliminary and subject to revision.<sup>2</sup> Washed, scoured, or clean basis.<sup>3</sup> Includes allowances for missing data for countries shown and data for minor exporting and importing countries not shown.<sup>4</sup> Includes exports from Namibia (South-West Africa) and Lesotho.<sup>5</sup> Excludes wool on the skins, and re-exports where possible; imports in most cases refer to gross imports.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 502.—Wool: United States imports (for consumption), clean content, by country of origin, 1970-79<sup>1</sup>

Country of origin	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979 <sup>2</sup>
Dutiable:	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
Argentina .....	4.1	1.8	0.3	1.2	1.0	1.5	4.3	4.0	3.2	1.7
Australia .....	32.2	23.4	16.7	9.4	5.8	11.9	28.4	23.3	21.2	16.0
New Zealand .....	16.7	6.6	2.7	3.1	3.3	2.1	4.2	4.8	1.6	.8
South Africa .....	9.1	4.3	4.1	3.4	1.1	.7	.5	1.0	.3	.4
Uruguay .....	11.2	4.1	.1	.2	.2	.1	.1	.4	.3	.5
Other .....	6.5	2.5	.9	.7	.4	.3	.7	.7	.4	.9
Total .....	79.8	42.7	24.8	18.0	11.8	16.6	38.2	34.2	27.0	20.3
Duty-free:										
Argentina .....	16.1	13.6	9.4	3.2	.6	1.7	1.7	1.9	3.2	3.3
Iraq .....	.6	.6	1.9	1.3	.4	.1	.6	.6	.4	.3
New Zealand .....	42.0	53.4	45.0	28.3	12.3	11.6	12.8	13.1	16.2	15.0
Pakistan .....	.9	.4	.3	.4						
Syria .....	.9	.7	1.5	1.5		.3	.6	.6	.7	.2
United Kingdom .....	4.6	8.5	7.9	3.5	1.7	2.5	2.3	1.9	2.1	2.3
Other .....	8.2	6.7	5.8	2.3	.1	.8	.9	.7	.8	.9
Total .....	73.3	83.9	71.8	40.5	15.1	17.0	18.9	18.8	23.4	22.0
Grand total .....	153.1	126.6	96.6	58.5	26.9	33.6	57.1	53.0	50.4	42.3

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

**Table 503.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, United States, 1965–79<sup>1</sup>**

Year	Goats clipped <sup>2</sup>	Average clipper goat	Mohair production	Price per pound	Value of production <sup>3</sup>	Year	Goats clipped <sup>2</sup>	Average clipper goat	Mohair production	Price per pound	Value of production <sup>3</sup>
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1965 .....	4,808	6.7	32,420	65.5	21,251	1973 .....	1,450	6.8	9,930	187.0	18,569
1966 .....	4,659	6.3	29,576	53.7	15,896	1974 .....	1,175	7.1	8,400	137.0	11,508
1967 .....	4,113	6.6	27,127	40.9	11,100	1975 .....	1,215	7.1	8,600	185.0	15,910
1968 .....	3,966	6.6	26,022	45.2	11,754	1976 .....	1,100	7.4	8,100	297.0	24,057
1969 .....	3,174	6.6	20,810	65.1	13,549	1977 .....	1,215	6.5	8,000	287.0	22,960
1970 .....	2,891	6.5	18,677	39.1	7,299	1978 .....	1,188	6.8	8,100	459.0	37,179
1971 .....	2,139	6.8	14,885	30.1	4,480	1979 .....	1,275	7.3	9,300	510.0	47,430
1972 .....	1,521	6.7	10,190	83.0	8,458						

<sup>1</sup>Includes Arizona, California, Missouri, New Mexico, Texas, Oregon, and Utah, 1965–70; beginning 1971, Texas only.<sup>2</sup>In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall.<sup>3</sup>Production multiplied by price per pound.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 504.—Mohair: Price-support operations, United States, 1965–79**

Marketing year	Price per pound		Average payment rate per pound <sup>1</sup>	Marketing covered by payments	Amount of payments <sup>2</sup>
	Support	Season average received by producers			
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Million dollars</i>
1965 .....	72	65.5	6.5	29.7	2.0
1966 .....	75.8	53.7	22.1	29.1	6.5
1967 .....	76.4	40.9	35.5	32.1	11.5
1968 .....	77.4	45.2	32.2	33.0	10.6
1969 .....	77.4	65.1	12.3	15.9	2.0
1970 .....	80.2	39.1	41.1	19.1	7.8
1971 .....	80.2	30.1	50.1	20.0	10.0
1972 .....	80.2	81.4	.....	.....	.....
1973 .....	80.2	187.0	.....	.....	.....
1974 .....	80.2	137.0	.....	.....	.....
1975 .....	80.2	185.0	.....	.....	.....
1976 .....	80.2	297.0	.....	.....	.....
1977 .....	149.8	287.0	.....	.....	.....
1978 .....	164.7	459.0	.....	.....	.....
1979 .....	194.3	510.0	.....	.....	.....

<sup>1</sup>Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketing of mohair.<sup>2</sup>Payments for mohair produced during the year shown are made after Mar. 31 of the following year.

Agricultural Stabilization and Conservation Service.

Table 505.—Red meat and lard: Production, by class of slaughter, United States, 1965-1979

Year	Commercial			Farm	Total	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>			Federally inspected	Other	Total <sup>1</sup>		
1965 1966 <sup>2</sup> 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979	Beef					Pork, excluding lard				
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
	15,421	2,904	18,325	374	18,699	9,331	1,405	10,736	396	11,132
	16,220	3,272	19,493	201	19,694	9,662	1,468	11,130	198	11,328
	16,829	3,162	19,991	193	20,184	10,750	1,627	12,377	195	12,572
	17,850	2,812	20,662	184	20,846	11,330	1,536	12,867	188	13,055
	18,474	2,486	20,960	166	21,126	11,563	1,211	12,774	172	12,946
	19,152	2,320	21,472	180	21,652	12,114	1,134	13,248	181	13,429
	19,373	2,324	21,697	171	21,868	13,452	1,155	14,606	177	14,783
	20,241	1,978	22,218	169	22,387	12,551	908	13,460	171	13,631
	19,294	1,794	21,088	189	21,277	11,879	699	12,578	173	12,751
	20,937	1,907	22,844	294	23,138	12,856	727	13,583	222	13,805
	21,626	2,045	23,671	303	23,974	10,733	581	11,314	189	11,503
	23,726	1,941	25,667	302	25,969	11,699	519	12,219	196	12,415
	23,364	1,622	24,986	293	25,279	12,518	533	13,051	196	13,247
22,623	1,387	24,010	282	24,242	12,689	520	13,209	184	13,393	
20,059	1,202	21,261	185	21,446	14,668	602	15,270	180	15,450	
1965 1966 <sup>2</sup> 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979	Veal					Lamb and mutton				
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
	572	364	936	84	1,020	576	63	639	12	651
	490	372	862	48	910	581	58	639	11	650
	423	326	749	43	792	574	62	636	10	646
	420	276	696	38	734	545	47	592	10	602
	400	241	640	33	673	510	30	540	10	550
	337	220	558	30	588	514	26	540	11	551
	324	192	516	30	546	522	22	544	11	555
	283	146	429	30	459	515	19	533	10	543
	210	115	325	32	357	486	17	504	10	514
	285	157	442	44	486	440	14	454	11	465
	494	333	827	46	873	385	14	399	11	410
	563	250	813	40	853	349	12	361	10	371
	569	225	794	40	834	330	11	341	10	351
447	153	600	32	632	290	10	300	9	309	
315	95	410	24	434	275	9	284	9	293	
1965 1966 <sup>2</sup> 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979	All meat, excluding lard					Lard				
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
	25,900	4,736	30,636	866	31,502	1,772	208	1,980	65	2,045
	26,953	5,170	32,124	458	32,582	1,695	202	1,897	32	1,929
	28,576	5,177	33,753	441	34,194	1,835	208	2,044	32	2,076
	30,145	4,671	34,817	420	35,237	1,862	169	2,032	30	2,062
	30,947	3,968	34,914	381	35,295	1,755	125	1,879	25	1,905
	32,117	3,700	35,818	402	36,220	1,776	112	1,888	25	1,913
	33,671	3,693	37,363	389	37,752	1,830	106	1,936	24	1,960
	33,590	3,051	36,640	380	37,020	1,465	77	1,541	20	1,561
	31,869	2,625	34,495	404	34,899	1,181	54	1,235	18	1,253
	34,518	2,805	37,323	571	37,894	1,289	55	1,344	22	1,366
	33,238	2,973	36,211	549	36,760	956	39	995	17	1,012
	36,337	2,722	39,060	548	39,608	1,010	34	1,044	17	1,061
	36,781	2,391	39,172	539	39,711	994	27	1,021	16	1,037
36,049	2,070	38,119	457	38,576	968	23	991	15	1,006	
35,317	1,908	37,225	398	37,623	1,112	29	1,141	14	1,155	

<sup>1</sup> Totals are based on unrounded data.<sup>2</sup> Beginning 1966, custom slaughter in plants for farmers is included in commercial meat production, and excluded from farm meat production.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 506.—Meat and meat food products: Quantity prepared and processed under Federal inspection, United States, 1979<sup>1</sup>

Product	1979	Product	1979
	<i>1,000 pounds</i>		<i>1,000 pounds</i>
Cured:		Convenience foods (frozen and/or unfrozen):	
Beef .....	277,743	Pizza .....	458,366
Pork .....	4,581,654	Pies .....	174,798
Other meats .....	25,314	Dinners .....	258,161
Smoked dried, or cooked:		Entrees .....	365,424
Bacon .....	1,681,562	Other .....	281,006
Hams .....	1,836,567	Miscellaneous meat products:	
Pork .....	561,143	Cured meat loaves .....	105,760
Beef .....	279,722	Non-specific loaves .....	192,446
Other smoked .....	304,185	Meat patties .....	463,647
Fresh/frozen products:		Other formulated products .....	200,959
Beef cuts .....	10,092,651	Horse and equine product .....	30,604
Pork cuts .....	12,820,555	Animal food .....	24
Other cuts .....	470,929		
Beef, boned .....	6,398,064	Total .....	60,691,384
Pork, boned .....	3,749,058		
Other, boned .....	252,454	Fats and oils:	
Steaks, chops, roasts (chopped/formed) .....	3,203,755	Lard, rendered .....	1,106,154
Hamburger/ground beef .....	2,832,029	Lard, refined .....	740,295
Other, fresh/frozen .....	926,037	Tallow, edible .....	1,385,770
Sausage:		Compound containing animal fat .....	1,084,231
Fresh .....	1,067,818	Oleomargarine containing animal fat .....	108,863
Uncooked cured .....	12,345		
Dried/semi-dried .....	324,827	Total .....	4,875,813
Frankfurters/wieners .....	1,497,872		
Bologna .....	812,712	Total all products .....	65,066,697
Liver sausage and braunschweiger .....	127,360		
Other .....	763,337		
Sliced/packaged product:			
Sausage, loaves, luncheon meat .....	978,482		
Ham .....	311,698		
Bacon .....	1,609,290		
Other .....	361,026		

<sup>1</sup>Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc. and will be counted in each of these categories.

Food Safety and Quality Service.

Table 507.—Canned meat products: Quantity produced under Federal inspection, United States, 1979<sup>1</sup>

Product	1979	Product	1979
	<i>1,000 pounds</i>		<i>1,000 pounds</i>
Luncheon meat .....	278,468	Byproducts, other than pickled .....	7,256
Canned hams .....	287,810	Miscellaneous sausage product .....	26,699
Hash products .....	80,675	Corned beef .....	1,676
Chili con carne .....	333,734	Soups .....	741,884
Viennas .....	98,048	Pork shoulder picnics and loins .....	12,641
Frankfurters and wieners .....	2,055	All other meat and/or meat byproducts, 20% or more meat .....	168,960
Deviled ham .....	12,749	All other meat and/or meat byproducts, under 20% meat .....	281,016
Potted meat food products and spreads .....	39,793	Horse and equine product .....	32,558
Tamales .....	35,214	Animal food .....	153,842
Sliced dried beef .....	3,717		
Chopped beef, hamburgers .....	1,657	Total .....	3,198,570
Meat stew .....	145,619		
Pasta meat product .....	434,701		
Vinegar-pickled products .....	17,798		

<sup>1</sup>Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Quality Service.

Table 508.—Meat: Production by types in specified countries, 1978 and 1979<sup>1</sup>

Continent and country	Beef and veal		Pork <sup>3</sup>		Mutton, lamb, and goat meat		Total meat production <sup>4</sup>	
	1978	1979 <sup>2</sup>	1978	1979 <sup>2</sup>	1978	1979 <sup>2</sup>	1978	1979 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>								
Canada <sup>5</sup> .....	1,060.1	955.0	619.6	745.0	4.3	4.3	1,699.8	1,720.3
Costa Rica .....	81.0	81.4	6.5	7.0	.....	.....	87.5	88.4
Dominican Republic .....	37.5	40.0	22.7	28.0	.....	.....	60.2	63.0
El Salvador .....	35.7	37.6	12.0	13.0	.....	.....	47.7	50.6
Guatemala .....	90.9	96.4	14.6	15.6	.5	.5	105.9	112.5
Honduras .....	50.7	61.3	10.1	10.5	.....	.....	60.9	71.8
Mexico .....	1,054.0	1,087.0	424.6	433.1	57.2	56.2	1,545.8	1,553.3
Nicaragua .....	85.1	80.5	15.9	17.2	.....	.....	101.0	97.7
Panama .....	44.1	41.0	5.5	5.6	.....	.....	49.6	46.6
United States .....	11,282.8	9,924.7	6,075.0	7,008.1	140.2	132.9	17,498.0	17,065.7
<b>Total<sup>6</sup> .....</b>	<b>13,821.8</b>	<b>12,354.9</b>	<b>7,206.6</b>	<b>8,278.1</b>	<b>202.1</b>	<b>193.9</b>	<b>21,256.3</b>	<b>20,869.8</b>
<b>South America:</b>								
Argentina <sup>5</sup> .....	3,193.2	3,085.0	214.1	245.0	130.3	130.0	3,581.2	3,504.0
Brazil <sup>5</sup> .....	2,200.0	2,100.0	850.0	900.0	44.4	47.5	3,140.3	3,092.5
Chile <sup>7</sup> .....	183.9	195.0	37.3	45.1	22.5	25.5	250.2	273.3
Colombia .....	570.4	598.4	114.7	120.1	10.2	10.6	695.3	729.1
Ecuador .....	80.0	86.8	38.8	42.8	9.3	9.5	128.2	139.1
Peru .....	83.0	81.0	52.0	55.0	32.5	33.0	167.5	169.0
Uruguay .....	353.9	261.1	15.9	15.0	35.5	26.8	406.3	304.0
Venezuela .....	284.9	291.6	92.7	104.6	3.5	3.5	381.1	399.8
<b>Total<sup>6</sup> .....</b>	<b>6,949.3</b>	<b>6,698.9</b>	<b>1,415.4</b>	<b>1,527.7</b>	<b>288.2</b>	<b>286.4</b>	<b>8,750.1</b>	<b>8,610.7</b>
<b>Europe:</b>								
Belgium and Luxembourg ...	276.0	285.0	660.9	700.0	3.0	3.2	946.3	994.4
Denmark .....	236.7	250.0	811.9	900.0	.5	.5	1,051.5	1,152.9
France .....	1,658.0	1,831.7	1,608.8	1,689.7	156.5	168.2	3,466.9	3,730.3
Germany, Fed. Rep. of .....	1,435.0	1,520.0	2,618.0	2,690.0	26.0	29.0	4,086.0	4,245.0
Ireland .....	387.8	386.0	133.3	149.0	45.6	40.5	569.8	578.6
Italy .....	1,026.8	1,075.0	930.6	921.0	49.9	50.3	2,063.2	2,101.9
Netherlands .....	352.0	342.0	992.9	1,040.0	15.4	16.0	1,364.3	1,401.6
United Kingdom .....	1,047.0	1,036.0	845.0	910.0	238.0	225.0	2,137.2	2,178.2
<b>Total EC<sup>6</sup> .....</b>	<b>6,419.2</b>	<b>6,725.7</b>	<b>8,601.4</b>	<b>8,999.7</b>	<b>534.8</b>	<b>532.7</b>	<b>15,685.1</b>	<b>16,382.9</b>
<b>Western Europe:</b>								
Austria <sup>8</sup> .....	185.2	198.4	340.3	350.4	2.1	2.3	528.0	551.6
Finland .....	106.0	105.0	154.4	163.0	1.0	1.0	262.5	270.1
Greece .....	101.0	98.0	124.0	134.0	119.0	119.0	344.0	351.0
Norway .....	68.4	70.0	77.6	82.0	18.2	19.0	165.0	171.7
Portugal .....	88.1	90.0	151.2	160.0	22.2	23.2	262.4	274.0
Spain .....	391.1	387.0	803.1	845.0	142.1	125.0	1,341.4	1,361.6
Sweden .....	147.2	150.7	306.8	314.7	4.9	4.8	461.7	473.0
Switzerland .....	150.0	160.1	258.4	264.0	3.9	4.3	413.8	429.9
<b>Total Western Europe<sup>6</sup> .....</b>	<b>7,656.2</b>	<b>7,984.9</b>	<b>10,817.2</b>	<b>11,312.8</b>	<b>848.1</b>	<b>831.2</b>	<b>19,463.9</b>	<b>20,265.8</b>
<b>Eastern Europe:</b>								
Bulgaria .....	105.0	107.0	233.0	238.0	77.0	75.0	415.0	420.0
Czechoslovakia .....	345.0	350.0	480.0	490.0	7.0	7.2	833.0	848.2
German Dem. Rep. ....	394.0	397.0	1,018.0	990.0	19.0	20.0	1,431.0	1,407.0
Hungary .....	134.0	135.3	465.0	470.0	9.6	9.8	610.1	616.6
Poland .....	708.8	732.5	1,766.2	1,842.4	19.8	21.8	2,514.8	2,618.2
Yugoslavia .....	338.0	345.0	590.0	490.0	62.0	61.0	990.3	896.3
<b>Total Eastern Europe<sup>6</sup> .....</b>	<b>2,024.8</b>	<b>2,066.8</b>	<b>4,552.2</b>	<b>4,520.4</b>	<b>194.4</b>	<b>194.8</b>	<b>6,794.2</b>	<b>6,806.3</b>
<b>Total Europe<sup>6</sup> .....</b>	<b>9,681.0</b>	<b>10,051.7</b>	<b>15,369.4</b>	<b>15,833.2</b>	<b>1,042.5</b>	<b>1,026.0</b>	<b>26,258.0</b>	<b>27,072.1</b>
<b>Soviet Union .....</b>	<b>6,590.0</b>	<b>6,510.0</b>	<b>3,727.0</b>	<b>3,656.0</b>	<b>875.0</b>	<b>855.0</b>	<b>11,192.0</b>	<b>11,021.0</b>
<b>Africa:</b>								
South Africa .....	588.5	624.0	84.7	81.7	176.3	173.8	849.6	879.5
Morocco .....	76.1	77.2	.6	.6	58.5	55.0	139.2	137.0
<b>Total<sup>6</sup> .....</b>	<b>664.6</b>	<b>701.2</b>	<b>85.3</b>	<b>82.3</b>	<b>234.9</b>	<b>228.8</b>	<b>988.8</b>	<b>1,016.5</b>

See footnotes at end of table.

Table 508.—Meat: Production by types in specified countries, 1978 and 1979<sup>1</sup>—  
Continued

Continent and country	Beef and veal		Pork <sup>3</sup>		Mutton, lamb, and goat meat		Total meat production <sup>4</sup>	
	1978	1979 <sup>2</sup>	1978	1979 <sup>2</sup>	1978	1979 <sup>2</sup>	1978	1979 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Asia:								
China, Taiwan .....	13.0	13.4	510.0	527.0	1.9	1.9	524.9	542.3
India .....	191.2	192.3	66.2	67.2	364.1	370.0	621.5	629.5
Israel .....	26.0	23.0	8.5	8.0	4.5	4.2	39.0	35.2
Japan .....	402.6	402.0	1,283.5	1,430.0	.1	.1	1,691.4	1,836.8
Korea, Rep. of .....	108.2	115.2	171.6	205.0	1.2	1.2	281.0	321.4
Philippines .....	126.7	123.8	317.8	376.9	5.9	6.0	451.0	507.3
Turkey .....	162.8	158.3	.2	.3	325.5	318.0	492.0	478.6
Total <sup>6</sup> .....	1,030.5	1,028.1	2,357.8	2,614.4	703.2	701.4	4,100.7	4,351.1
Oceania:								
Australia .....	2,133.8	1,807.7	198.8	205.6	492.1	527.5	2,824.7	2,540.9
New Zealand .....	548.6	490.6	42.5	38.7	497.7	502.8	1,088.8	1,032.1
Total <sup>6</sup> .....	2,682.4	2,298.4	241.3	244.3	989.8	1,030.3	3,913.5	3,573.0
Total selected countries <sup>6</sup> ...	41,419.5	39,643.1	30,402.9	32,234.4	4,335.5	4,321.8	76,459.3	76,514.2

<sup>1</sup> Carcass weight basis; excludes offals, rabbit, and poultry meat.<sup>2</sup> Preliminary.<sup>3</sup> Includes edible pork fat, but excludes lard and inedible greases (except United States).<sup>4</sup> Includes horse meat.<sup>5</sup> Horse meat production based on export data.<sup>6</sup> May not add due to rounding.<sup>7</sup> Excludes farm slaughter.<sup>8</sup> Includes offals.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 509.—Meats, frozen and cured: Cold-storage holdings, United States, first of month, 1978 and 1979

Month	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton	
	1978 <sup>1</sup>	1979 <sup>1</sup>	1978 <sup>1</sup>	1979 <sup>1</sup>	1978 <sup>1</sup>	1979 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	314,021	423,712	174,003	224,497	9,261	10,965
February .....	318,377	402,876	172,356	219,281	8,628	10,827
March .....	357,229	427,358	215,836	245,582	7,947	12,022
April .....	376,034	410,146	281,695	278,345	9,176	12,072
May .....	388,214	411,898	280,551	290,206	10,149	12,897
June .....	372,314	395,748	260,191	269,857	10,011	11,483
July .....	336,545	369,588	219,893	225,055	11,891	11,943
August .....	315,708	324,198	178,716	180,266	11,259	11,763
September .....	332,222	296,715	177,826	178,387	11,323	10,951
October .....	348,436	308,223	207,118	219,131	12,200	11,697
November .....	388,177	321,854	245,178	257,237	11,804	11,071
December .....	405,351	350,334	241,806	280,847	11,716	10,751

<sup>1</sup> Beginning Jan. 1, 1977, cured (cooler) beef and cured (cooler) pork are excluded from totals.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 510.—Meat: United States exports by type of product, 1965–79

Year	Beef and veal			Goat, lamb and mutton, fresh or frozen	Pork					Sav- sage, bolog- na, and frank- furters	Vari- ety meats, fresh or frozen <sup>1</sup>	Other meats <sup>2</sup>	Total <sup>3</sup>
	Fresh or frozen	Canned	Pickled or cured		Fresh or frozen	Hams and should- ers, cured or cooked	Bacon	Other pork, pickled salted, or other- wise cured	Other pork, canned				
	<i>Metric tons</i>	<i>Metric tons</i> ( <sup>4</sup> )	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1965 .....	15,309		4,555	533	12,173	2,703	2,353	3,115	<sup>5</sup> 1,272	1,776	101,210	5,372	150,371
1966 .....	8,156		4,922	729	13,431	2,757	2,399	3,117	1,377	1,615	96,732	5,302	140,538
1967 .....	8,076		6,109	831	13,924	2,116	2,164	3,358	1,368	1,593	100,842	5,813	146,194
1968 .....	7,134		5,127	863	28,342	1,802	2,016	5,299	1,145	1,970	102,170	5,758	161,625
1969 .....	7,609		4,048	650	55,155	3,923	1,618	4,153	978	2,150	108,761	5,912	194,956
1970 .....	8,550		4,728	486	18,887	2,884	1,389	3,514	1,080	1,876	108,652	5,435	157,482
1971 .....	13,900		5,170	591	20,543	1,450	1,033	5,400	1,199	1,820	125,861	5,605	182,571
1972 .....	19,625		4,033	588	36,798	1,526	1,531	3,933	1,243	1,809	115,238	5,474	191,798
1973 .....	32,380		3,509	787	65,071	2,768	1,015	2,857	1,178	2,562	127,860	7,176	247,164
1974 .....	21,292		1,658	1,153	35,289	3,014	797	2,920	902	2,351	134,220	9,017	212,612
1975 .....	20,364		329	1,305	82,028	4,155	575	3,709	686	2,237	133,188	5,660	254,237
1976 .....	36,093		462	1,403	128,895	3,041	1,028	3,422	1,114	2,523	172,246	7,663	357,890
1977 .....	40,982		517	1,755	116,282	2,941	1,216	2,919	1,810	3,426	173,060	8,198	353,106
1978 .....	51,710	2,296	1,263	1,375	84,120	3,934	1,655	7,524	2,932	3,653	185,831	6,801	353,095
1979 <sup>6</sup> .....	53,823	1,625	1,955	562	83,058	3,380	912	8,912	1,123	3,003	168,930	4,664	331,946

<sup>1</sup> Edible animal organs.<sup>2</sup> Include sausage ingredients, cured (excluding canned); meat and meat products, canned (n.e.s.); and baby food, canned.<sup>3</sup> May not add due to rounding.<sup>4</sup> Included in "Other meats," 1965–77.<sup>5</sup> Includes canned ham and shoulders beginning 1965.<sup>6</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 511.—Meat: United States imports of meat subject to Public Law 88–482 (Meat Import Act), by country of origin, 1974–79<sup>1</sup>

Country of origin	1974	1975	1976 <sup>2</sup>	1977	1978	1979
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Canada	36,540	21,159	80,358	7,815	61,297	77,785
Mexico	40,418	29,763	52,000	60,095	62,568	5,297
Belize	79	20	.....	430	60	232
Guatemala	29,528	33,426	34,300	32,947	32,121	32,224
El Salvador	12,761	5,440	10,427	3,545	7,987	9,965
Honduras	29,400	35,447	35,800	40,746	46,540	50,074
Nicaragua	32,589	47,654	48,900	50,886	64,691	67,932
Costa Rica	60,130	60,492	58,700	50,053	68,118	66,962
Panama	2,941	3,003	2,600	2,766	534	901
Haiti	1,699	1,559	1,900	1,262	2,454	1,660
Dominican Republic	14,319	8,607	14,086	2,089	2,212	3,101
Iceland	.....	.....	.....	92	.....	.....
Ireland	44,013	6,803	4,094	.....	.....	41
United Kingdom	1,887	752	.....	.....	.....	.....
Australia	512,988	679,405	632,200	653,572	806,000	879,896
New Zealand	259,752	275,373	259,800	265,406	330,858	357,666
Other	.....	.....	<sup>3</sup> 1,548	<sup>4</sup> 1,310	.....	.....
Total <sup>5</sup>	1,079,142	1,208,904	1,231,713	1,250,214	1,485,470	1,553,736

<sup>1</sup> Fresh, frozen, and chilled beef, veal, mutton, and goat (Tariff Schedule of United States, items 106.10 and 106.20). Includes meat rejected under Animal and Plant Health Inspection Service meat and poultry inspection program through 1974. Excludes canned meat and other prepared or preserved meat products.<sup>2</sup> Beginning 1976, The Customs Service supplied data used in monitoring The Meat Import Law.<sup>3</sup> Reflects 1,548,000 lbs. of beef erroneously charged to Panama.<sup>4</sup> Reflects meat that entered Foreign Trade Zone and possessions and territories prior to Jan. 1, 1977.<sup>5</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 512.—Meat: United States imports, products weight basis, by country of origin, 1979

Country of origin	Beef and veal		Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Other meats n.s.p. <sup>3</sup>	Variety meats, fresh or frozen	Total
	Fresh or frozen <sup>1</sup>	Canned, including sausage	Other prepared or preserved <sup>2</sup>	Fresh and frozen	Canned <sup>3</sup>	Other prepared or preserved <sup>2</sup>	Sausage, all types <sup>4</sup>				
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Argentina .....	.....	27,901	23,581	.....	.....	.....	.....	8	18	.....	51,508
Australia .....	396,672	246	783	66	17	.....	.....	.....	93	1,929	405,431
Brazil .....	15,030	5	21	46,136	289	322	1,515	947	42	2,101	17,766
Canada .....	35,242	.....	.....	.....	.....	.....	.....	.....	.....	.....	86,632
Costa Rica .....	32,293	.....	.....	.....	33,304	10	897	807	3,928	25	32,258
Denmark .....	.....	1	1,046	48	.....	.....	.....	.....	.....	.....	40,041
Dominican Republic .....	1,717	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,717
El Salvador .....	4,888	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,902
Germany Fed. Rep. of .....	15,582	.....	44	.....	266	17	6	61	2	.....	396
Guatemala .....	988	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,070
Haiti .....	28,005	.....	1	.....	.....	.....	.....	.....	96	161	28,251
Honduras .....	.....	85	.....	.....	.....	.....	.....	.....	.....	.....	8,200
Hungary .....	.....	.....	.....	.....	7,116	1,093	.....	.....	.....	.....	78
Ireland .....	19	.....	.....	.....	16	.....	.....	.....	.....	.....	2,546
Mexico .....	2,301	.....	123	.....	65	.....	.....	.....	6	99	175,822
New Zealand .....	161,492	28	43	13,904	.....	.....	.....	.....	47	243	175,822
Netherlands .....	.....	.....	.....	.....	4,137	.....	.....	.....	285	.....	4,444
Nicaragua .....	33,822	.....	.....	.....	.....	.....	.....	.....	.....	24	33,846
Panama .....	409	33	.....	.....	.....	.....	.....	.....	.....	.....	442
Paraguay .....	.....	886	.....	.....	.....	.....	.....	.....	.....	.....	886
Poland .....	.....	.....	.....	.....	43,014	18	.....	.....	289	.....	43,318
Romania .....	.....	163	.....	.....	8,492	112	17	.....	.....	.....	8,791
Slovenia .....	.....	.....	14	.....	45	.....	.....	.....	.....	.....	74
Sweden .....	.....	.....	49	.....	9	.....	.....	.....	.....	.....	49
United Kingdom .....	16	.....	.....	.....	14,717	.....	.....	.....	39	.....	14,736
Yugoslavia .....	.....	.....	.....	.....	2,024	3	.....	.....	814	55	4,804
Other .....	107	1,597	195	18	.....	.....	.....	9	.....	.....	.....
Total <sup>5</sup> .....	713,353	45,890	28,721	46,268	113,518	1,575	2,435	1,849	5,619	4,695	983,637

<sup>1</sup> Includes prepared items.<sup>2</sup> Includes pickled and cured.<sup>3</sup> Includes canned hams, shoulders, and bacon.<sup>4</sup> Fresh and cured sausage.<sup>5</sup> Mostly mixed luncheon meats.<sup>6</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 513.—Meat: United States imports by type of product, 1965–79

Year	Beef and veal			Lamb, mut-ton, and goat, except canned	Pork				Mixed sausage	Other meats n.s.p.f. (5)	Variety meats, fresh or frozen	Total (6)
	Fresh or frozen (1)	Canned, including sausage	Other prepared or preserved (2)		Fresh and frozen	Canned (3)	Other prepared or preserved (2)	Sausage, all types (4)				
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1965 .....	265,573	42,073	10,304	19,261	21,760	93,157	3,153	904	2,283	5,401	1,017	464,888
1966 .....	346,929	42,449	15,808	34,217	19,043	113,624	2,446	1,214	2,717	8,221	1,511	587,180
1967 .....	381,817	44,440	17,823	30,187	21,483	113,889	2,713	1,125	2,824	6,561	1,592	624,455
1968 .....	426,556	53,514	31,606	38,511	21,963	121,101	2,828	1,127	3,427	5,428	1,725	707,786
1969 .....	468,245	53,349	30,241	44,492	19,477	119,203	2,652	1,775	3,982	6,359	2,559	752,333
1970 .....	524,658	54,185	33,577	37,634	25,192	128,531	2,320	1,648	4,762	8,352	4,466	825,326
1971 .....	517,964	41,971	34,573	31,962	28,258	129,868	1,900	1,669	3,537	6,629	2,943	801,274
1972 .....	600,672	45,568	25,471	42,124	29,207	145,360	1,803	2,683	2,810	6,937	3,570	906,205
1973 .....	611,691	42,593	24,617	18,284	28,303	148,136	1,546	2,786	2,320	5,902	3,269	889,447
1974 .....	489,276	42,621	20,517	9,839	21,599	138,724	1,447	2,425	2,165	4,963	2,671	736,248
1975 .....	549,087	28,937	18,329	11,670	14,917	130,863	665	1,944	1,294	5,126	2,534	765,367
1976 .....	587,404	53,902	30,979	15,949	11,192	130,158	585	2,094	1,359	4,753	2,427	840,802
1977 .....	564,894	43,124	25,618	9,885	12,215	120,388	534	2,209	1,387	3,725	2,591	786,570
1978 .....	675,415	46,779	28,689	17,447	27,891	126,045	1,285	2,082	1,743	4,350	2,454	934,180
1979 <sup>7</sup> .....	713,354	45,890	28,721	19,714	46,268	113,518	1,575	2,434	1,849	5,619	4,695	983,637

<sup>1</sup>Includes prepared items.<sup>2</sup>Includes pickled and cured.<sup>3</sup>Includes canned hams, shoulders, and bacon.<sup>4</sup>Includes fresh and cured sausage.<sup>5</sup>Mostly mixed luncheon meats; not separately classified prior to 1964.<sup>6</sup>May not add due to rounding.<sup>7</sup>Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 514.—Meat: International trade, selected countries, 1977–79<sup>1</sup>

Continent and country	1977		1978		1979 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Canada .....	112.1	194.3	116.8	172.8	151.0	134.5
Costa Rica .....	42.6	.1	48.2	.1	47.9	.1
Dominican Republic .....	1.3	.....	1.2	.....	2.5	3.0
El Salvador .....	2.2	.6	5.0	1.0	6.6	.8
Guatemala .....	21.5	.4	20.5	.....	22.6	.....
Honduras .....	23.7	(3)	30.1	.....	39.9	.....
Mexico .....	49.1	6.5	49.1	9.8	13.8	12.8
Nicaragua .....	34.6	(3)	45.9	.....	55.4	.....
Panama .....	2.3	(3)	1.5	(3)	1.4	(3)
United States .....	236.0	1,099.7	256.6	1,295.5	260.2	1,349.4
Total <sup>4</sup> .....	525.4	1,301.6	574.9	1,479.2	601.4	1,500.5
South America:						
Argentina .....	669.6	.....	823.7	.....	779.5	.....
Brazil .....	240.0	34.8	178.1	117.9	174.0	105.0
Chile .....	.....	5.6	.....	13.7	.....	8.0
Colombia .....	14.9	.....	24.1	(3)	19.2	.....
Peru .....	.....	6.7	.....	1.3	.....	.....
Uruguay .....	134.6	.....	118.8	.....	81.0	4.1
Venezuela .....	.4	53.1	.4	21.8	.4	24.3
Total <sup>4</sup> .....	1,059.5	100.2	1,145.0	154.8	1,054.0	141.4

See footnotes at end of table.

Table 514.—Meat: International trade, selected countries, 1977-79<sup>1</sup>—Continued

Continent and country	1977		1978		1979 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Europe:						
Belgium-Luxembourg .....	272.6	121.2	307.1	143.9	330.8	132.6
Denmark .....	695.6	3.9	753.4	7.6	854.3	3.8
France .....	312.2	556.2	267.2	630.4	311.4	594.1
Germany, Fed. Rep. of .....	240.0	627.0	264.0	633.0	383.0	648.0
Ireland .....	363.8	7.2	360.2	5.0	366.6	4.0
Italy .....	48.0	612.9	46.1	632.1	70.4	709.0
Netherlands .....	697.2	175.3	751.6	187.5	748.7	177.0
United Kingdom .....	185.3	1,280.0	200.2	1,332.0	193.2	1,328.0
Total EC .....	2,814.6	3,383.8	2,949.8	3,571.5	3,258.4	3,596.5
Austria .....	8.1	19.0	14.0	27.4	23.0	15.3
Finland .....	11.6	3.6	22.9	.....	28.0	.....
Greece .....	.....	110.9	.....	141.5	.....	137.0
Norway .....	.1	21.1	.2	96.6	.1	16.9
Portugal .....	( <sup>3</sup> )	60.4	.....	21.1	.....	24.2
Spain .....	3.9	59.2	6.7	112.3	3.3	117.0
Sweden .....	39.5	25.1	38.5	19.1	46.2	20.2
Switzerland .....	2.4	26.0	1.8	33.8	1.3	30.7
Total Western Europe <sup>4</sup> .....	2,880.2	3,709.1	3,033.8	3,946.3	3,360.3	3,957.9
Bulgaria .....	80.5	17.0	77.0	18.5	84.0	18.5
Czechoslovakia .....	18.0	21.4	18.5	20.4	18.5	20.4
German Dem. Rep .....	157.0	15.3	167.0	15.3	148.0	15.5
Hungary .....	85.0	44.7	93.5	45.6	101.5	45.6
Poland .....	181.8	98.6	141.0	30.3	163.0	10.0
Yugoslavia .....	88.0	35.5	113.4	51.1	99.0	53.0
Total Eastern Europe <sup>4</sup> .....	560.4	232.4	610.4	181.2	614.0	163.0
Total Europe <sup>4</sup> .....	3,440.6	3,941.5	3,644.2	4,127.4	3,974.3	4,120.8
Soviet Union <sup>5</sup> .....	49.2	496.2	57.9	132.2	52.5	286.0
Africa:						
South Africa .....	41.7	61.9	36.1	24.9	45.9	25.6
Morocco .....	1.7	3.9	1.9	1.3	2.3	2.5
Total <sup>4</sup> .....	43.4	65.8	38.0	26.2	48.2	28.1
Asia:						
China, Taiwan .....	18.1	3.8	23.2	7.6	15.2	13.5
India .....	17.8	.....	14.5	.....	16.0	.....
Israel .....	.....	30.4	.....	36.5	.....	43.7
Japan .....	( <sup>3</sup> )	649.0	( <sup>3</sup> )	665.4	.1	720.1
Korea, Rep. of .....	5.0	8.0	38.2	105.1	40.0	104.3
Philippines .....	.5	17.9	.6	18.3	.3	13.6
Turkey .....	4.0	.....	6.4	.....	6.8	.....
Total <sup>4</sup> .....	45.5	709.1	82.8	832.9	78.3	895.2
Oceania:						
Australia .....	1,334.6	.....	1,377.4	.....	1,287.6	.....
New Zealand .....	790.9	.5	725.1	.1	779.7	.8
Total <sup>4</sup> .....	2,125.5	.5	2,102.6	.1	2,067.3	.8
Total selected countries <sup>4</sup> .....	7,289.1	6,614.9	7,645.5	6,752.8	7,875.9	6,972.9

<sup>1</sup> Carcase weight equivalent of beef and veal, pork, lamb, mutton and goat meat, and horse meat. Excludes fat, offals, and live animals.

<sup>2</sup> Preliminary.

<sup>3</sup> Less than 50 metric tons.

<sup>4</sup> Totals may not add due to rounding, and may include an allowance for missing data for countries shown.

<sup>5</sup> Estimate based on trading partner data.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 515.—Meats and lard: Production and civilian consumption, United States, 1965-79<sup>1</sup>

Year	Beef			Veal			Lamb and mutton		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1965 .....	18,727	19,060	99.5	1,020	992	5.2	651	716	3.7
1966 .....	19,726	20,140	104.2	910	881	4.6	650	771	4.0
1967 .....	20,219	20,793	106.5	792	749	3.8	646	759	3.9
1968 .....	20,880	21,627	109.7	734	707	3.6	602	738	3.7
1969 .....	21,158	22,065	110.8	673	654	3.3	550	687	3.4
1970 .....	21,685	22,926	113.7	588	581	2.9	551	657	3.3
1971 .....	21,902	23,084	113.0	546	545	2.7	555	645	3.1
1972 .....	22,419	23,962	116.1	459	465	2.2	543	684	3.3
1973 .....	21,277	22,813	109.6	357	376	1.8	514	557	2.7
1974 .....	23,138	24,489	116.8	486	493	2.3	465	483	2.3
1975 .....	23,976	25,398	120.1	873	876	4.2	410	490	2.0
1976 .....	25,969	27,549	129.3	853	854	4.0	371	396	1.9
1977 .....	25,279	27,038	125.9	834	836	3.9	351	371	1.7
1978 .....	24,242	25,999	120.1	632	646	3.0	309	342	1.6
1979 <sup>2</sup> .....	21,446	23,521	107.6	434	447	2.0	293	334	1.5

  

Year	Pork			All meats			Lard		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1965 .....	12,781	12,870	67.2	33,179	33,638	175.6	2,045	1,225	6.4
1966 .....	12,798	12,700	65.7	34,084	34,492	178.5	1,929	1,071	5.5
1967 .....	14,131	14,053	72.0	35,788	36,354	186.2	2,076	1,055	5.4
1968 .....	14,515	14,479	73.4	36,781	37,551	190.4	2,062	1,106	5.6
1969 .....	14,245	14,224	71.4	36,626	37,630	188.9	1,904	1,011	5.1
1970 .....	14,699	14,661	72.7	37,523	38,825	192.6	1,913	939	4.7
1971 .....	16,006	16,127	79.0	39,009	40,401	197.8	1,960	880	4.3
1972 .....	14,422	14,712	71.3	37,843	39,823	192.9	1,559	787	3.8
1973 .....	13,223	13,298	63.9	35,371	37,045	178.0	1,254	705	3.4
1974 .....	14,331	14,493	69.1	38,420	39,958	190.5	1,366	681	3.2
1975 .....	11,779	11,852	56.1	37,038	38,556	182.4	1,012	632	3.0
1976 .....	12,688	12,668	59.5	39,881	41,467	194.7	1,060	585	2.7
1977 .....	13,247	13,200	61.5	39,711	41,445	193.0	1,037	502	2.3
1978 .....	13,393	13,293	61.4	38,576	40,280	186.1	1,006	497	2.3
1979 <sup>2</sup> .....	15,450	15,353	70.2	37,623	39,656	181.3	1,037	479	2.3

<sup>1</sup>Carcass weight equivalent or dressed weight. Beginning 1977, pork production was no longer reported as "pork, excluding lard." This series has been revised to reflect pork production in prior years on a dressed weight basis that is comparable with the method used to report beef, veal, and lamb and mutton. Edible offals are excluded.

<sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.



Table 516.—Meat: United States exports and shipments to Territories, and imports into the United States, carcass weight equivalent, 1965-79<sup>1</sup>

Year	Exports and shipments to Territories				Imports				
	Beef and veal	Lamb and mutton	Pork <sup>2</sup>	All meat	Beef	Veal	Lamb and mutton	Pork <sup>2</sup>	All meat
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Millions pounds</i>	<i>Millions pounds</i>
1965 .....	97	4	149	250	923	19	72	382	1,396
1966 .....	88	5	158	251	1,182	22	136	430	1,770
1967 .....	94	6	164	264	1,313	15	121	440	1,889
1968 .....	94	7	208	309	1,500	18	147	462	2,127
1969 .....	87	6	260	353	1,615	25	153	450	2,243
1970 .....	104	7	194	305	1,792	24	122	491	2,429
1971 .....	121	8	198	327	1,734	22	103	496	2,355
1972 .....	124	7	236	367	1,960	36	148	538	2,682
1973 .....	152	6	279	437	1,990	31	53	533	2,607
1974 .....	130	8	204	342	1,615	31	26	488	2,160
1975 .....	124	8	317	449	1,758	24	27	439	2,248
1976 .....	170	7	421	598	2,073	22	36	469	2,600
1977 .....	181	6	399	586	1,939	24	22	439	2,424
1978 .....	221	4	421	646	2,297	25	39	495	2,856
1979 <sup>3</sup> .....	222	3	448	673	2,405	26	44	499	2,974

<sup>1</sup> Carcass weight equivalent of all meat, including the meat content of minor meats and of mixed products. Includes shipments to Puerto Rico, the Virgin Islands, and Guam, 1964; included Wake Island also, 1965-69. Beginning 1970, includes shipments to Puerto Rico and Virgin Islands only.

<sup>2</sup> The pork series has been revised to a dressed weight equivalent rather than "Pork, excluding lard." (See Footnote 1, table 515.)

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Data on imports and commercial exports and shipments are computed from records of the U.S. Department of Commerce; those on exports and shipments by the U.S. Department of Agriculture are separately estimated from deliveries and stocks.

Table 517.—Hides, packer: Average price per pound, Chicago, 1965-79<sup>1</sup>

Year	Steers				Cows			Bulls	
	Heavy native	Heavy Texas	Butt branded	Colorados	Heavy native	Light native	Branded	Native	Branded
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1965 .....	13.93	12.07	12.39	11.58	14.00	15.60	12.57	9.17	8.17
1966 .....	17.42	16.17	16.33	15.64	18.12	20.21	16.65	12.28	11.28
1967 .....	11.73	( <sup>2</sup> )	10.31	9.60	12.43	16.34	10.80	( <sup>2</sup> )	( <sup>2</sup> )
1968 .....	11.84	.....	9.51	8.51	11.75	15.73	9.64	.....	.....
1969 .....	14.38	.....	12.48	11.59	14.85	18.35	12.95	.....	.....
1970 .....	12.85	.....	11.80	9.95	13.44	16.98	11.35	.....	.....
1971 .....	14.53	.....	11.95	10.80	14.17	17.03	11.63	.....	.....
1972 .....	29.79	.....	27.42	26.02	30.12	34.76	28.21	.....	.....
1973 .....	33.78	.....	28.83	26.24	34.14	38.72	29.01	.....	.....
1974 .....	23.38	.....	19.77	18.13	23.46	27.19	19.61	.....	.....
1975 .....	23.25	.....	20.67	18.82	21.60	23.80	17.51	.....	.....
1976 .....	36.11	.....	33.41	31.33	36.25	40.65	33.02	.....	.....
1977 .....	37.29	.....	36.21	34.75	39.21	51.00	36.04	.....	.....
1978 .....	46.54	.....	41.83	42.64	45.55	51.42	45.24	.....	.....
1979 .....	75.58	.....	66.61	62.75	76.99	86.96	68.66	.....	.....

<sup>1</sup> Data through 1966 compiled from Pratt's Daily Hide and Leather Market; beginning 1967, prices are obtained from Livestock Market News and National Provisioner.

<sup>2</sup> Not reported, beginning 1967.

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Table 518.—Hides and skins: United States imports and exports, 1965-79

Year	Imports				Exports			
	Calf and kip	Cattle <sup>1</sup>	Goat and kid	Sheep and lamb <sup>2</sup>	Calf	Kip	Cattle <sup>3</sup>	Sheep and lamb <sup>2</sup>
	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces
1965 .....	1,065	302	14,412	27,887	1,985	474	13,309	2,876
1966 .....	680	221	10,331	27,893	2,076	519	14,189	2,429
1967 .....	838	233	7,109	20,299	1,968	494	11,852	3,758
1968 .....	794	493	5,203	30,825	1,816	387	12,878	3,345
1969 .....	690	277	5,068	20,716	1,238	414	14,778	3,928
1970 .....	542	386	3,028	18,686	1,074	241	15,222	3,822
1971 .....	235	276	1,956	19,283	1,968	254	15,962	5,934
1972 .....	261	292	3,355	16,852	1,621	451	17,578	5,872
1973 .....	437	709	1,624	12,894	1,608	279	16,866	5,792
1974 .....	439	520	583	15,732	1,802	365	18,429	4,897
1975 .....	222	959	879	15,520	2,051	352	21,269	4,571
1976 .....	93	962	1,255	16,615	1,657	505	25,270	3,409
1977 .....	91	932	1,137	15,468	2,052	447	24,484	*836
1978 .....	179	704	1,762	17,807	2,079	351	24,794	*1,444
1979 <sup>5</sup> .....	126	673	2,444	15,529	1,970	352	23,781	2,279

<sup>1</sup>Excludes pieces of cattle hides reported in units of pounds.<sup>2</sup>Includes cabretta and hair sheepskins.<sup>3</sup>Beginning January 1969, excludes pieces of cattle hides reported in units of pounds.<sup>4</sup>Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.<sup>5</sup>Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 519.—Hides and skins: United States imports by country of origin, 1977-79

Country of origin	1977	1978	1979 <sup>1</sup>	Country of origin	1977	1978	1979 <sup>1</sup>
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
Cattle hides: <sup>2</sup>				Goat and kid—Continued			
Canada .....	926	694	643	Other countries .....	56	125	361
New Zealand .....		7	2	Total .....	1,137	1,762	2,444
Other countries .....	6	3	28				
Total .....	932	704	673	Sheep and lambs: <sup>3</sup>			
Calf and kip:				Afghanistan .....	573	504	100
Canada .....	83	168	120	Ethiopia .....	140	63	133
France .....	5	3	.....	United Kingdom .....	57	75	132
Other countries .....	3	8	6	South Africa .....	794	760	439
Total .....	91	179	126	Iran .....	4,127	3,808	5,367
Goat and kid:				Australia .....	104	343	131
Afghanistan .....	50	101	80	New Zealand .....	7,328	10,026	7,616
Haiti .....	292	498	676	Germany, Fed. Rep. of .....	48	40	60
Ethiopia .....	99	295	562	France .....	214	415	341
Nigeria .....	48	14	66	Turkey .....	386	.....	.....
Chile .....	14	36	.....	Ireland .....	30	.....	.....
Indonesia .....	216	371	329	Canada .....	71	108	22
Australia .....	5	9	7	Sudan .....	675	600	626
Iran .....	374	312	363	Nigeria .....	684	592	135
New Zealand .....	3	3	.....	Other countries .....	237	473	427
				Total .....	15,468	17,807	15,529

<sup>1</sup>Preliminary.<sup>2</sup>Excludes pieces of cattle hides reported in units of pounds.<sup>3</sup>Includes cabretta and hair sheepskins; excludes pieces of sheep and lamb skins reported in pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 520.—Hides and skins: United States exports by country of destination, 1977-79

Country of destination	1977	1978	1979 <sup>1</sup>	Country of destination	1977	1978	1979 <sup>1</sup>
Cattle hides: <sup>2</sup>	1,000 pieces	1,000 pieces	1,000 pieces	Calf skins:	1,000 pieces	1,000 pieces	1,000 pieces
Canada .....	860	1,093	1,248	Canada .....	452	572	270
Mexico .....	1,966	1,938	2,428	Mexico .....	36	282	218
France .....	769	555	691	Czechoslovakia .....	70	.....	51
Germany, Fed. Rep. of .....	435	379	454	Germany, Fed. Rep. of .....	62	39	81
Italy .....	1,048	1,286	2,248	Italy .....	197	359	330
Spain .....	940	1,020	892	Korea, Rep. of .....	88	54	10
Romania .....	1,472	1,942	1,317	Spain .....	113	35	8
China, Taiwan .....	843	1,018	955	Japan .....	937	642	875
Korea, Rep. of .....	3,611	3,720	2,526	Other countries .....	97	96	127
Japan .....	8,425	8,798	7,396	Total .....	2,052	2,079	1,970
Czechoslovakia .....	680	586	682	Kipskins:			
Other countries .....	3,435	2,459	2,894	Canada .....	62	34	26
Total .....	24,484	24,794	23,731	Korea, Rep. of .....	13	7	9
Sheep and lamb skins: <sup>3</sup>				Italy .....	17	39	87
Canada .....	11	92	59	Germany, Fed. Rep. of .....	2	1	3
Japan .....	107	14	32	Yugoslavia .....	30	.....	.....
Brazil .....	28	51	3	Hungary .....	138	33	14
Germany, Fed. Rep. of .....	39	75	49	Venezuela .....	8	20	.....
Italy .....	298	515	698	Japan .....	96	106	96
United Kingdom .....	22	80	231	Other countries .....	81	111	117
Poland .....	109	155	276	Total .....	447	351	352
Uruguay .....	1	101	390				
Other countries .....	220	361	541				
Total .....	835	1,444	2,279				

<sup>1</sup> Preliminary.<sup>2</sup> Excludes pieces of cattle hides reported in units of pounds.<sup>3</sup> Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 521.—Mink pelts: Number produced by color class, United States, 1969-79

Year	Stand- ard	Demi- buff ( <sup>1</sup> )	Pastel	Pale brown	Sap- phire	Gun- metal	Plati- num	Pearl	Lav- ender hope	Pink ( <sup>1</sup> )	Violet type	White	Mis- cella- neous and unclas- sified	Total pelts
1969 .....	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts
1970 .....	1,400	.....	1,634	63.2	317	66.4	25.3	910	177	.....	681	145	35.6	5,455
1971 .....	1,591	.....	1,351	57.7	219	64.0	20.7	587	95.0	.....	455	79.3	12.3	4,532
1972 .....	1,226	.....	1,059	19.6	171	50.1	12.7	397	40.7	.....	345	50.5	8.5	3,380
1973 .....	1,065	.....	1,015	25	143	49.7	10	302	21	.....	285	44.6	4.9	2,965
1974 .....	1,088	.....	1,075	19.2	136	52.9	14.2	310	22.9	.....	261	55.9	2.1	3,037
1975 .....	880	308	992	5.9	117	57	15.1	337	18.4	47.3	270	75	5.3	3,128
1976 .....	951	481	700	15	84	53	12	337	17	59	257	93	8	3,067
1977 .....	995	533	661	9	65	47	6	270	20	71	239	90	20	3,026
1978 .....	1,048	<sup>2</sup> 531	740	10	78	50	5	234	16	61	205	84	14	3,076
1979 .....	1,173	<sup>2</sup> 690	776	11	115	51	5	190	16	56	175	81	5	3,358
1979 .....	1,225	<sup>2</sup> 869	585	16	137	60	7	169	12	53	189	81	5	3,394

<sup>1</sup> Estimated as separate color class, beginning 1974; included in Pale Brown, Pastel, and Standard classes in previous years.<sup>2</sup> This color class included "Ranch wild" types in 1977 and 1979. For 1978 it included mink females bred to produce Demi-Buff-Dark Brown, Violet cross, Pastel cross, Standard cross, Pearl cross, and others.

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Table 522.—Mink pelts: Number produced by color class, major States, and United States, 1978

State	Standard	Demi-buff <sup>1</sup>	Pastel	Pale brown	Supplire	Gunmetal	Platinum	Pearl	Lavender hope	Pink	Violet type	White	Miscellaneous and unclassified	Total pelts
	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts
Ga	29.0	60.0	38.0	(2)	3.3	(2)	(2)	6.4	(2)	(2)	2.7	2.3	(2)	16
Idaho	58.3	56.4	(2)	(2)	(2)	(2)	(2)	9.0	(2)	(2)	2.9	(2)	(2)	142
Ill	6.1	2.0	6.6	(2)	(2)	(2)	(2)	18.8	(2)	(2)	4.5	(2)	(2)	171
Iowa	47.5	13.8	27.1	(2)	1.5	(2)	(2)	10.3	(2)	(2)	(2)	(2)	(2)	18
Mass	1.5	5.4	6.5	(2)	(2)	(2)	(2)	20.7	(2)	(2)	16.8	6.9	(2)	115
Mich	39.5	15.3	27.9	(2)	9.8	1.9	0.1	4.1	(2)	(2)	8.8	(2)	(2)	20
Minn	137.3	100.0	138.6	0.4	4.3	6.4	(2)	7.3	(2)	(2)	4.4	(2)	(2)	113
N.Y.	40.5	14.9	28.1	2.4	2.0	(2)	(2)	24.4	(2)	(2)	19.8	(2)	(2)	447
Ohio	43.4	26.8	34.8	(2)	19.4	19.5	(2)	(2)	(2)	(2)	14.7	(2)	(2)	110
Oreg	50.5	28.9	6.8	(2)	16.9	1.5	(2)	(2)	(2)	(2)	27.6	(2)	(2)	122
Penn	14.5	35.6	25.1	(2)	(2)	(2)	(2)	22.2	(2)	(2)	4.9	(2)	(2)	148
S. Dak	16.7	29.0	10.5	(2)	(2)	(2)	(2)	38.2	(2)	(2)	65.4	54.5	1.9	138
Utah	184.6	58.0	18.7	(2)	20.0	(2)	(2)	9.9	(2)	(2)	2.1	6.0	(2)	69
Wash	78.5	38.6	233.9	3.5	8.9	14.6	1.2	38.2	9.3	30.6	27.6	54.5	1.2	411
Wis	390.9	145.3	38.8	.19	25.7	4.3	1.0	9.9	.23	1.5	2.1	6.0	.25	167
Other States	34.0	50.4	(2)	(2)	1.9	.24	(2)	(2)	(2)	(2)	(2)	(2)	(2)	1,004
U.S.	1,173	690	776	11	115	51	5	190	16	56	189	81	5	3,358

<sup>1</sup> For 1978, this color class includes mink females bred to produce "Ranch Wild" and Demi-Buff-Dark-Brown, Violet, Pastel, Standard, Pearl crosses and others.

<sup>2</sup> Included in total to avoid disclosing individual operations.

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**Table 523.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1965-79**

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>	Total	Con-demned <sup>1</sup>
	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands
1965 ..	26,614	80.5	5,076	20.3	11,710	57.3	313	2.3	63,708	102.1	36	0.4
1966 ..	27,319	74.5	4,432	21.4	11,553	65.4	481	3.4	63,729	89.7	53	.5
1967 ..	27,780	71.8	4,002	22.3	11,516	67.8	494	4.0	70,915	105.8	57	.3
1968 ..	29,592	77.6	3,876	23.9	10,888	53.9	393	2.0	74,789	110.1	66	.5
1969 ..	30,537	77.7	3,637	22.3	10,070	53.0	220	1.1	75,682	120.2	56	.4
1970 ..	30,793	79.0	3,024	18.1	10,010	56.1	421	1.0	78,187	134.7	55	3.5
1971 ..	31,419	94.2	2,806	18.1	10,256	45.2	301	1.7	86,667	171.5	55	.5
1972 ..	32,267	97.0	2,421	17.4	9,905	44.3	146	.....	78,759	155.7	65	.....
1973 ..	30,521	91.8	1,808	13.3	9,234	40.6	87	.....	72,264	145.6	165	.....
1974 ..	33,319	100.1	2,355	16.4	8,556	37.3	72	.....	77,071	155.2	207	.....
1975 ..	36,904	111.0	3,894	26.6	7,552	32.9	49	.....	64,926	131.2	247	.....
1976 ..	38,992	117.0	4,438	30.8	6,474	27.9	41	.....	70,454	140.4	293	.....
1977 ..	38,717	121.9	4,696	63.3	6,133	31.5	45	.3	74,019	198.9	317	3.0
1978 ..	36,948	.....	3,620	.....	5,169	.....	45	.....	74,139	.....	323	.....
1979 ..	31,504	.....	2,499	.....	4,833	.....	63	.....	85,425	.....	304	.....

<sup>1</sup>Condemnations for 1965-76 do not include ante-mortem cases of parts of carcasses. Condemnations for 1977 include ante-mortem and post-mortem inspection.

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**Table 524.—Livestock and poultry inventory: Index numbers, United States, Jan. 1, 1965-80<sup>1</sup>**  
[1967 = 100]

Year	Total livestock and poultry	Meat animals	Milk cattle <sup>2</sup>	Poultry	Year	Total livestock and poultry	Meat animals	Milk cattle <sup>2</sup>	Poultry
1965 .....	101	101	112	92	1973 .....	109	109	86	92
1966 .....	99	99	106	93	1974 .....	114	114	84	94
1967 .....	100	100	100	100	1975 .....	116	116	84	88
1968 .....	100	100	96	97	1976 .....	112	112	83	87
1969 .....	101	101	92	95	1977 .....	109	109	82	86
1970 .....	102	102	89	96	1978 .....	104	104	82	88
1971 .....	105	105	87	98	1979 .....	100	100	81	91
1972 .....	107	107	87	95	1980 <sup>3</sup> .....	102	102	82	93

<sup>1</sup>For method of combining species and weights in construction of these index numbers see Agricultural Handbook No. 365, Volume II, major statistical series of the U.S. Department of Agriculture, April 1970. Weights based on 1967 sales values relative to milk cows are as follows: Milk cows, 1.00; beef cattle and calves, 0.71; hogs, 0.17; sheep and lambs, 0.07; chickens, 0.001; and turkey breeder hens, 0.014. For 1965 and thereafter, milk cows and heifers that have calved are used in place of milk cows two years old and older; turkey breeder hens on hand Dec. 1 preceding year are used in place of all turkeys on hand Jan. 1; all chickens (excluding commercial broilers) on hand Dec. 1 preceding year are used in place of all chickens on hand Jan. 1. Hogs and pigs relate to Dec. 1 preceding year.

<sup>2</sup>Weights for milk cattle are as follows: Milk cows, 1.00; heifers weighing 500 lbs. and over, 0.56.

<sup>3</sup>Preliminary.

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## CHAPTER VIII

# DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as "milk cows" is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

Poultry and poultry products statistics include inventory numbers of chickens by classes; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; turkey production, disposition, and gross income; poultry and eggs under Federal inspection; and the National Poultry Improvement Plan. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

**Table 525.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1965–80**

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements	Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>
1965 .....	15,380	4,780	1974 .....	11,297	3,941
1966 .....	14,490	4,450	1975 .....	11,220	4,087
1967 .....	13,725	4,215	1976 .....	11,087	3,958
1968 .....	13,115	4,080	1977 .....	11,035	3,888
1969 .....	12,550	3,990	1978 .....	10,939	3,896
1970 .....	12,091	3,880	1979 .....	10,839	3,936
1971 .....	11,909	3,843	1980 <sup>1</sup> .....	10,810	4,166
1972 .....	11,776	3,828			
1973 .....	11,622	3,872			

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 526.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan. 1, 1979 and 1980

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements		State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1979	1980 <sup>1</sup>	1979	1980 <sup>1</sup>		1979	1980 <sup>1</sup>	1979	1980 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands
Ala	79	76	15	14	Nebr	120	120	32	36
Alaska	1.3	1.1	5	5	Nev	15	15	8	8
Ariz	70	72	15	13	N.H.	30	30	12	11
Ark	90	88	26	24	N.J.	43	41	14	15
Calif	860	878	391	337	N. Mex	33	35	8	8
Colo	72	72	28	33	N.Y.	904	912	339	356
Conn	49	49	18	18	N.C.	143	141	38	41
Del	12	12	3	3	N. Dak	96	93	22	22
Fla	189	184	32	35	Ohio	382	380	163	151
Ga	129	127	33	40	Okla	112	110	20	35
Hawaii	13	13	8	7	Oreg	93	94	31	37
Ill	141	142	87	84	Pa	703	712	230	266
Ind	236	235	100	100	R.I.	5.0	4.0	1.0	1.0
Iowa	202	200	84	85	S.C.	51	50	13	16
Kans	374	372	126	143	S. Dak	169	165	39	48
Ky	130	122	37	37	Tenn	210	214	66	80
La	265	244	81	108	Tex	310	315	90	90
Maine	127	116	33	36	Utah	77	75	37	46
Md	57	57	21	21	Vt	189	187	60	68
Mass	134	130	41	42	Va	172	170	77	88
Mich	46	44	15	16	Wash	190	195	90	68
Minn	402	400	149	193	W. Va	37	37	13	13
Miss	850	860	333	390	Wis	1,810	1,813	713	735
Mo	103	99	26	31	Wyo	11	11	3	3
Mont	276	270	100	102	U.S.	10,839	10,810	3,936	4,166
	27	28	8	11					

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 527.—Dairy product-feed price ratios: Milk-feed price ratios and value per 100 pounds of grain and concentrate rations fed to milk cows, United States, annual 1965-79<sup>1</sup>

Year	Milk-feed price ratios <sup>2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows	Year	Milk-feed price ratios <sup>2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows	Year	Milk-feed price ratios <sup>2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows
	Pounds	Dollars		Pounds	Dollars		Pounds	Dollars
1965	1.40	3.03	1970	1.74	3.28	1975	1.40	6.25
1966	1.53	3.15	1971	1.70	3.44	1976	1.53	6.31
1967	1.56	3.22	1972	1.72	3.52	1977	1.57	6.20
1968	1.69	3.10	1973	1.46	4.88	1978	1.75	6.08
1969	1.74	3.15	1974	1.34	6.23	1979 <sup>3</sup>	1.55	6.68

<sup>1</sup> Annual ratios based on average of monthly ratios.<sup>2</sup> Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers to plants and dealers.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 528.—Milk cows rations: Quantities and value of concentrates fed, by States, 1978 and 1979

State	Grain and other concentrates fed during calendar year				Value per 100 pounds of concentrate rations fed during the year	
	Per cow		Per 100 pounds of milk produced		1978	1979
	1978	1979	1978	1979		
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>
Ala	4,360	4,480	56	58	6.76	7.76
Alaska	4,760	4,870	45	45	10.36	11.90
Ariz	6,530	7,480	49	57	6.18	6.94
Ark	3,770	4,170	46	51	6.28	7.09
Calif	6,030	6,770	43	47	5.90	6.64
Colo	5,210	5,120	43	43	5.58	6.33
Conn	5,140	5,190	42	42	6.63	7.69
Del	4,520	4,740	41	43	6.75	7.26
Fla	5,950	6,590	59	63	5.87	6.61
Ga	5,770	6,060	57	59	6.83	7.64
Idaho	4,200	4,670	36	39	5.29	5.71
Ill	4,370	4,650	42	45	5.89	6.22
Ind	4,720	4,790	44	44	6.12	6.62
Iowa	4,940	5,060	47	48	5.73	6.34
Kans	5,160	5,590	51	54	5.50	6.06
Ky	4,310	4,440	51	51	6.53	7.38
La	4,900	4,980	59	59	6.72	7.43
Maine	4,860	5,130	44	45	6.91	8.04
Md	4,940	5,110	43	44	6.84	7.29
Mass	4,640	5,130	39	41	6.61	7.68
Mich	5,110	5,230	43	43	5.76	6.27
Minn	4,450	4,560	41	42	5.38	5.78
Miss	4,260	4,230	54	52	6.49	7.44
Mo	5,060	5,190	51	51	5.98	6.87
Mont	4,650	4,460	41	42	5.32	5.36
Nebr	4,500	4,750	44	44	5.36	5.73
Nev	4,580	5,310	36	40	5.83	6.35
Nev	4,070	4,330	37	38	6.75	7.52
N.H.	4,670	4,700	40	39	6.88	7.59
N.J.	6,380	7,230	46	50	6.03	6.74
N. Mex	4,140	4,250	36	36	6.67	7.43
N.Y.	5,120	5,220	47	47	6.96	7.70
N.C.	3,790	4,140	42	45	4.65	4.74
N. Dak	4,790	4,860	43	43	6.28	6.74
Ohio	5,110	5,250	53	54	6.01	6.69
Okla	4,350	4,690	38	40	6.48	7.11
Oreg	4,730	4,960	42	43	6.72	7.35
Pa	4,560	4,550	39	40	6.59	7.65
R.I.	5,060	5,340	53	51	7.02	7.94
S.C.	4,140	4,410	44	46	5.29	5.75
S. Dak	4,980	4,300	49	48	6.78	7.67
Tenn	6,510	6,410	59	58	6.06	6.82
Tex	4,580	4,990	37	40	5.55	6.08
Utah	4,130	4,230	36	36	6.80	7.91
Vt	4,640	4,680	42	41	7.08	7.94
Va	5,170	5,560	36	38	6.35	7.04
Wash	3,700	3,960	40	41	7.14	7.81
W. Va	4,460	4,840	38	40	5.65	6.01
Wis	3,900	4,150	37	39	5.41	5.74
Wyo						
U.S.	4,803	5,060	42.8	44.1	6.08	6.68

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



**Table 529.—Dairy-herd-improvement associations: Number of associations, supervisors, herds and cows on test, and milk and butterfat production, United States, 1965–80**

Year	Associations <sup>1</sup>	Super- visors <sup>1</sup>	Official plans					
			Herds	Cows	Cows per herd	Average production		
						Milk	Milkfat	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Pounds</i>	<i>Percent</i>	<i>Pounds</i>
1965 .....	1,424	2,439	40,075	2,087,581	52.1	11,976	3.82	457
1966 .....	1,418	2,378	38,879	2,058,592	52.9	12,127	3.81	462
1967 .....	1,344	2,319	37,683	2,098,919	55.7	12,307	3.80	468
1968 .....	1,318	2,304	36,869	2,131,929	57.8	12,397	3.80	471
1969 .....	1,289	2,250	35,617	2,138,953	60.1	12,553	3.79	476
1970 .....	1,267	2,225	34,308	2,122,011	61.9	12,750	3.79	483
1971 .....	1,274	2,201	33,996	2,218,402	65.3	13,000	3.76	489
1972 .....	1,247	2,186	33,197	2,244,685	67.6	13,226	3.75	496
1973 .....	1,231	2,164	33,578	2,359,611	70.3	13,287	3.76	499
1974 .....	1,130	2,209	33,146	2,416,669	72.9	13,163	3.75	493
1975 .....	1,105	2,183	32,222	2,432,961	75.5	13,421	3.76	505
1976 .....	1,051	2,218	32,232	2,438,365	75.7	13,632	3.75	511
1977 .....	1,028	2,266	33,755	2,581,164	76.5	14,435	3.73	539
1978 .....	1,046	2,432	34,972	2,704,064	77.3	14,631	3.70	542
1979 .....	1,045	2,541	36,138	2,794,058	77.3	14,644	3.70	542
1980 .....	1,025	2,638	37,576	2,966,558	78.9	.....	.....	.....

<sup>1</sup>Includes all plans.

Science and Education Administration.

**Table 530.—Cattle: Tuberculin tests in cooperation with States, 1965–79**

Year	Tuberculin tests					
	Herds and lots	Cattle	Infected			
			Herds and lots		Cattle	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
1965 .....	304,917	7,187,083	1,672	0.55	5,567	0.08
1966 .....	252,948	6,451,222	1,317	.52	3,540	.05
1967 .....	212,487	5,486,715	1,014	.48	4,119	.08
1968 .....	165,767	4,485,124	662	.40	2,830	.06
1969 .....	151,087	4,390,514	544	.36	2,923	.07
1970 .....	133,150	4,044,986	421	.32	2,574	.06
1971 .....	120,605	3,530,220	349	.29	2,528	.07
1972 .....	103,548	2,881,398	235	.23	2,353	.08
1973 .....	102,510	2,936,287	163	.16	1,512	.05
1974 .....	101,734	2,487,798	231	.23	1,573	.06
1975 .....	94,769	2,367,458	158	.17	1,306	.06
1976 .....	103,441	2,484,550	298	.29	1,879	.08
1977 .....	98,483	2,322,110	175	.18	3,967	.17
1978 .....	103,087	2,307,487	92	.09	490	.02
1979 .....	108,813	2,422,334	54	.05	688	.03

Animal and Plant Health Inspection Service.

Table 531.—Cattle: Brucellosis work in cooperation with States, 1965–79

Year	Milk ring tests <sup>1</sup>			Market cattle blood tests		
	Herd tests	Suspicious herd tests		Cattle tested	Reactor cattle	
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>
1965 .....	1,811,259	14,759	0.8	4,587,533	49,035	0.9
1966 .....	1,682,994	10,466	.6	4,687,710	44,041	.9
1967 .....	1,620,586	8,591	.5	4,617,431	41,412	.9
1968 .....	1,478,983	6,569	.4	4,824,781	34,613	.7
1969 .....	1,326,191	6,233	.5	4,967,570	28,167	.6
1970 .....	1,141,249	3,504	.3	4,818,267	23,092	.5
1971 .....	1,143,707	2,760	.2	6,381,853	29,926	.5
1972 .....	984,825	2,210	.2	7,815,629	39,866	.5
1973 .....	895,346	2,580	.3	8,680,880	55,399	.6
1974 .....	881,195	2,247	.3	10,007,454	72,348	.7
1975 .....	841,392	2,642	.3	13,524,598	90,949	.7
1976 .....	730,737	2,096	.3	13,939,367	88,443	.6
1977 .....	760,576	2,272	.3	13,608,558	71,994	.5
1978 .....	849,527	2,285	.3	13,325,356	70,997	.5
1979 .....	763,439	2,315	.3	10,462,153	52,236	.5

  

Year	Cattle blood tested on farm or ranch <sup>2</sup>						Adjusted cattle infection rate <sup>3</sup>	Calves vaccinated
	Herd or lots tests	Infected herds or lots		Cattle tested	Reactor cattle			
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Number</i>
1965 ...	*2,036,446	*53,017	2.6	7,457,973	77,184	1.0	0.5	6,903,780
1966 ...	*1,258,186	*39,252	3.1	6,876,122	83,665	1.2	.6	6,483,393
1967 ...	416,256	31,855	7.7	7,337,243	111,230	1.5	.6	6,331,556
1968 ...	367,971	30,664	8.3	6,858,279	110,995	1.6	.6	5,837,646
1969 ...	274,724	23,137	8.4	5,406,185	88,484	1.6	.6	5,165,415
1970 ...	264,406	24,033	9.1	5,439,642	96,466	1.8	.6	4,548,972
1971 ...	225,022	21,117	9.4	4,490,636	85,138	1.9	.6	4,116,646
1972 ...	214,759	23,588	11.0	4,873,422	97,585	2.0	.7	3,909,944
1973 ...	219,167	26,654	12.2	5,361,680	113,453	2.1	.8	3,873,908
1974 ...	228,897	34,144	14.9	6,073,077	157,027	2.6	.9	4,101,475
1975 ...	238,184	37,117	15.6	6,947,008	181,214	2.6	.9	3,720,441
1976 ...	258,710	36,901	14.3	7,454,452	181,165	2.4	.9	3,779,108
1977 ...	268,750	32,904	12.2	7,247,352	168,607	2.3	.8	3,780,309
1978 ...	271,335	28,846	10.6	6,895,966	154,877	2.2	.8	4,269,151
1979 ...	266,991	27,567	10.3	6,713,199	141,665	2.1	.7	5,341,033

<sup>1</sup> Represents multiple milk ring tests each year for the commercial dairy herd.<sup>2</sup> Includes an increasing proportion of herds tested each year because of suspicious milk ring or market cattle test results.<sup>3</sup> Percent of cattle infected based on results of tests conducted on farm and ranch, livestock markets, slaughter plants, and negative cattle represented under the milk ring testing program.<sup>4</sup> Includes the number of market cattle lots tested and found infected.

Animal and Plant Health Inspection Service.

**Table 532.—Milk and milkfat production: Number of producing cows, yield per cow, and total quantity produced, United States, 1965-79**

Year	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
1965 .....	14,953	8,305	307	3.70	124,180	4,592
1966 .....	14,071	8,522	314	3.69	119,912	4,426
1967 .....	13,415	8,851	327	3.69	118,732	4,377
1968 .....	12,832	9,135	335	3.67	117,225	4,305
1969 .....	12,307	9,434	346	3.67	116,108	4,264
1970 .....	12,000	9,751	357	3.66	117,007	4,284
1971 .....	11,839	10,015	367	3.66	118,566	4,344
1972 .....	11,700	10,259	377	3.68	120,025	4,410
1973 .....	11,413	10,119	370	3.66	115,491	4,225
1974 .....	11,230	10,293	377	3.67	115,586	4,238
1975 .....	11,143	10,350	380	3.68	115,334	4,238
1976 .....	11,055	10,879	399	3.66	120,269	4,406
1977 .....	10,974	11,181	409	3.65	122,698	4,483
1978 .....	10,841	11,218	412	3.67	121,609	4,462
1979 <sup>3</sup> .....	10,777	11,471	420	3.66	123,623	4,523

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 533.—Milk: Quantities used and marketed by farmers, United States, 1965-79**

Year	Milk used on farms where produced				Milk marketed by producers			
	Fed to calves <sup>1</sup>	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers <sup>2</sup>		Sold directly to consumers <sup>3</sup>	Total
					As whole milk	As farm-separated cream		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1965 .....	2,061	3,443	470	5,974	112,720	3,652	1,834	118,206
1966 .....	1,980	3,131	361	5,472	109,699	2,995	1,746	114,440
1967 .....	1,891	2,865	287	4,564	109,433	2,374	1,760	113,567
1968 .....	1,821	2,616	225	4,662	108,811	1,972	1,780	112,563
1969 .....	1,745	2,397	173	4,315	108,497	1,608	1,688	111,793
1970 .....	1,702	<sup>5</sup> 2,306	.....	4,008	110,089	1,193	1,717	112,999
1971 .....	1,635	2,117	.....	3,752	112,242	1,000	1,572	114,814
1972 .....	1,624	1,914	.....	3,538	114,152	798	1,537	116,487
1973 .....	1,584	1,766	.....	3,350	109,948	673	1,520	112,141
1974 .....	1,558	1,643	.....	3,201	110,420	421	1,544	112,385
1975 .....	1,567	1,505	.....	3,072	110,385	314	1,563	112,262
1976 .....	1,562	1,404	.....	2,966	115,558	230	1,515	117,303
1977 .....	1,548	1,295	.....	2,843	118,172	186	1,498	119,856
1978 .....	1,499	1,174	.....	2,673	117,293	104	1,538	118,935
1979 <sup>6</sup> .....	1,449	1,044	.....	2,493	119,510	82	1,537	121,129

<sup>1</sup> Excludes milk sucked by calves.<sup>2</sup> Includes milk produced by dealers' own herds.<sup>3</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.<sup>4</sup> Includes some milk used for other purposes on farms or not utilized.<sup>5</sup> Includes milk used for farm-churned butter, beginning 1970.<sup>6</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 534.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1978

State	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
Ala .....	81	7,790	281	3.61	631	23
Alaska .....	1.4	10,571	354	3.35	14.8	.5
Ariz .....	68	13,324	480	3.60	906	33
Ark .....	89	8,191	292	3.57	729	26
Calif .....	846	14,018	506	3.61	11,859	428
Colo .....	72	12,111	432	3.57	872	31
Conn .....	50	12,240	453	3.70	612	23
Del .....	11.7	11,026	408	3.70	129	4.8
Fla .....	193	10,093	350	3.47	1,948	68
Ga .....	129	10,116	369	3.65	1,305	48
Hawaii .....	12.9	11,628	403	3.47	150	5.2
Idaho .....	140	11,664	419	3.59	1,633	59
Ill .....	231	10,403	385	3.70	2,403	89
Ind .....	203	10,729	402	3.75	2,178	82
Iowa .....	377	10,504	387	3.68	3,960	146
Kans .....	136	10,110	369	3.65	1,375	50
Ky .....	269	8,454	311	3.68	2,274	84
La .....	128	8,305	303	3.65	1,063	39
Maine .....	58	11,052	405	3.66	641	23
Md .....	134	11,493	424	3.69	1,540	57
Mass .....	48	11,896	437	3.67	571	21
Mich .....	403	11,893	439	3.69	4,793	177
Minn .....	837	10,859	392	3.61	9,089	328
Miss .....	106	7,887	291	3.69	836	31
Mo .....	277	9,913	361	3.64	2,746	100
Mont .....	27	11,333	407	3.59	306	11
Nebr .....	124	10,234	376	3.67	1,269	47
Nev .....	14.7	12,721	447	3.51	187	6.6
N.H .....	31	11,000	411	3.74	341	13
N.J .....	45	11,667	431	3.69	525	19
N. Mex .....	33	13,879	482	3.47	458	16
N.Y .....	906	11,488	415	3.61	10,408	376
N.C .....	143	10,888	397	3.65	1,557	57
N. Dak .....	100	9,030	324	3.59	903	32
Ohio .....	384	11,133	413	3.71	4,275	159
Okla .....	113	9,646	344	3.57	1,090	39
Oreg .....	93	11,452	439	3.83	1,065	41
Pa .....	700	11,259	421	3.74	7,881	295
R.I .....	4.7	11,702	428	3.66	55	2
S.C .....	54	9,556	369	3.86	516	20
S. Dak .....	170	9,412	337	3.58	1,600	57
Tenn .....	209	10,163	379	3.73	2,124	79
Tex .....	311	11,039	392	3.55	3,433	122
Utah .....	76	12,368	438	3.54	940	33
Vt .....	186	11,484	424	3.69	2,136	79
Va .....	172	11,058	404	3.65	1,902	69
Wash .....	186	14,349	531	3.70	2,669	99
W. Va .....	37	9,243	342	3.70	342	13
Wis .....	1,811	11,735	440	3.75	21,252	797
Wyo .....	11.1	10,541	378	3.59	117	4.2
U.S. <sup>3</sup> .....	10,841	11,218	412	3.67	121,609	4,462

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> U.S. total will not add due to rounding.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 535.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1979 (preliminary)

State	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
Ala	78	7,731	281	3.63	603	22
Alaska	1.2	10,833	388	3.58	13.0	5
Ariz	71	13,127	471	3.59	932	33
Ark	88	8,182	292	3.57	720	26
Calif	871	14,408	511	3.55	12,549	445
Colo	72	11,903	426	3.58	857	31
Conn	49	12,347	451	3.65	605	22
Del	11.7	11,026	405	3.67	129.0	4.7
Fla	183	10,457	361	3.45	1,966	68
Ga	127	10,268	374	3.64	1,304	47
Hawaii	12.8	11,719	398	3.40	150.0	5.1
Idaho	141	11,979	430	3.59	1,689	61
Ill	234	10,342	385	3.72	2,420	90
Ind	200	10,875	406	3.73	2,175	81
Iowa	372	10,538	389	3.69	3,920	145
Kans	126	10,349	378	3.65	1,304	48
Ky	255	8,706	320	3.67	2,220	81
La	121	8,438	306	3.63	1,021	37
Maine	56	11,393	414	3.63	638	23
Md	131	11,603	426	3.67	1,520	56
Mass	45	12,511	455	3.64	563	20
Mich	397	12,166	446	3.67	4,830	177
Minn	843	10,848	396	3.65	9,145	334
Miss	100	8,140	300	3.68	814	30
Mo	270	10,174	369	3.63	2,747	100
Mont	27	10,630	381	3.58	287	10
Nebr	120	10,792	397	3.68	1,295	48
Nev	15.0	13,267	456	3.44	199.0	6.8
N.H.	30	11,400	420	3.68	342	13
N.J.	41	12,049	443	3.68	494	18
N. Mex	35	14,457	502	3.47	506	18
N.Y.	905	11,800	427	3.62	10,679	387
N.C.	141	11,099	403	3.63	1,565	57
N. Dak	95	9,200	329	3.58	874	31
Ohio	377	11,313	419	3.70	4,265	158
Okla	110	9,727	347	3.57	1,070	38
Oreg	94	11,734	442	3.77	1,103	42
Pa	701	11,532	429	3.72	8,084	301
R.I.	4.4	11,364	411	3.62	50.0	1.8
S.C.	50	10,480	401	3.83	524	20
S. Dak	168	9,577	347	3.62	1,609	58
Tenn	211	10,005	371	3.71	2,111	78
Tex	311	11,051	392	3.55	3,437	122
Utah	76	12,474	442	3.54	948	34
Vt	183	11,907	437	3.67	2,179	80
Va	170	11,371	415	3.65	1,933	71
Wash	192	14,641	537	3.67	2,811	103
W. Va	37	9,649	355	3.68	357	13
Wis	1,813	12,107	454	3.75	21,950	823
Wyo	11.0	10,636	382	3.59	117.0	4.2
U.S. <sup>3</sup>	10,777	11,471	420	3.66	123,623	4,523

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> U.S. total will not add due to rounding.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 536.—Milk: Quantities used and marketed by producers, by States, 1979 (preliminary)

States	Milk used on farms where produced			Milk marketed by farmers			
	Fed to calves <sup>1</sup>	Used for milk, cream, and butter	Total	Sold to plants and dealers <sup>2</sup>		Sold directly to consumers <sup>3</sup>	Total
				As whole milk	As farm-separated cream		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Ala .....	5	15	20	565	.....	18	583
Alaska .....	.4	.4	.8	11.9	.....	.3	12.2
Ariz .....	6	1	7	840	.....	85	925
Ark .....	9	24	33	680	.....	7	687
Calif .....	66	10	76	12,135	.....	338	12,473
Colo .....	32	16	48	770	.....	39	809
Conn .....	6	2	10	580	.....	15	595
Del .....	1	4	3	125	.....	1	126
Fla .....	8	14	22	1,940	.....	4	1,944
Ga .....	8	10	18	1,280	.....	6	1,286
Hawaii .....	1.7	1	2.7	147.3	.....	(*)	147.3
Idaho .....	40	15	55	1,612	.....	22	1,634
Ill .....	21	12	33	2,385	.....	2	2,387
Ind .....	19	14	33	2,131	.....	11	2,142
Iowa .....	75	45	120	3,790	10	.....	3,800
Kans .....	19	10	29	1,270	.....	5	1,275
Ky .....	30	90	120	2,090	.....	10	2,100
La .....	4	20	24	985	.....	12	997
Maine .....	8	7	15	615	.....	8	623
Md .....	11	16	27	1,485	.....	8	1,493
Mass .....	5	4	9	525	.....	29	554
Mich .....	70	20	90	4,710	3	27	4,740
Minn .....	50	27	77	9,068	.....	.....	9,068
Miss .....	2	14	16	790	.....	8	798
Mo .....	27	19	46	2,691	.....	10	2,701
Mont .....	8	12	20	259	5	3	267
Nebr .....	20	20	40	1,240	10	5	1,255
Nev .....	3	2	5	194	.....	.....	194
N.H .....	5	3	8	325	.....	9	334
N.J .....	5	4	9	465	.....	20	485
N. Mex .....	5	9	14	478	.....	14	492
N.Y .....	150	89	239	10,350	.....	90	10,440
N.C .....	15	50	65	1,480	.....	20	1,500
N. Dak .....	28	15	43	815	12	4	831
Ohio .....	40	40	80	4,170	.....	15	4,185
Okla .....	17	23	40	1,015	.....	15	1,030
Oreg .....	20	8	28	1,025	.....	50	1,075
Pa .....	60	40	100	7,610	.....	374	7,984
R.I .....	1	1	2	46	.....	2	48
S.C .....	7	8	15	495	.....	14	509
S. Dak .....	24	18	42	1,520	42	5	1,567
Tenn .....	53	52	105	2,000	.....	6	2,006
Tex .....	22	10	32	3,370	.....	35	3,405
Utah .....	10	5	15	892	.....	41	933
Vt .....	26	19	45	2,130	.....	4	2,134
Va .....	12	23	35	1,890	.....	8	1,898
Wash .....	27	6	33	2,660	.....	118	2,778
W. Va .....	6	14	20	330	.....	7	337
Wis .....	358	159	517	21,420	.....	13	21,433
Wyo .....	3	4	7	110	.....	.....	110
U.S. <sup>5</sup> .....	1,449	1,044	2,493	119,510	82	1,537	121,129

<sup>1</sup>Excludes milk sucked by calves.<sup>2</sup>Includes milk produced by dealers' own herds, except for New York and California, where such milk is included as sold directly to consumers.<sup>3</sup>Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.<sup>4</sup>Combined with whole milk to avoid disclosing individual operations.<sup>5</sup>Total milk sold plus used on farms does not equal total milk produced due to rounding.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 537.—Milk: Production and utilization in specified countries, 1977-79

Country	Production			Utilization <sup>1</sup>		
	Milk cows	Production per cow	Total milk <sup>1</sup> production	Fluid milk	Factory	Feed
	1,000 head	Kilograms	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
1977:						
Canada .....	1,978	3,915	7,743	2,595	4,731	417
United States .....	10,974	5,072	55,655	25,790	29,163	702
Austria .....	1,008	3,289	3,315	1,087	1,766	480
Belgium and Luxembourg .....	1,050	3,598	3,778	777	2,823	178
Denmark .....	1,099	4,676	5,139	770	4,244	125
France .....	10,286	2,937	30,215	3,606	21,320	6,552
Germany, Fed. Rep. of .....	5,387	4,181	22,523	3,473	18,102	948
Greece .....	475	1,560	1,733	635	1,098	0
Ireland .....	1,484	2,872	4,262	621	3,530	111
Italy .....	2,945	3,340	10,515	3,720	5,890	905
Netherlands .....	2,200	4,824	10,612	1,913	8,554	145
Norway .....	382	4,809	1,860	900	928	32
Sweden .....	654	4,968	3,249	1,302	1,867	80
Switzerland .....	883	3,951	3,511	740	2,333	438
United Kingdom .....	3,827	4,359	14,503	7,484	6,921	98
Japan .....	968	5,925	5,735	3,548	2,067	120
Australia <sup>2</sup> .....	2,174	2,729	5,933	1,645	4,288	0
New Zealand <sup>3</sup> .....	2,074	3,199	6,635	541	5,948	146
Total .....	49,348	70,204	196,916	61,147	125,573	11,477
1978:						
Canada .....	1,938	3,929	7,615	2,673	4,533	409
United States .....	10,841	5,088	55,160	25,875	28,610	675
Austria .....	1,002	3,334	3,341	1,148	1,696	513
Belgium and Luxembourg .....	1,047	3,751	3,927	770	2,968	183
Denmark .....	1,091	4,880	5,324	796	4,403	125
France .....	10,152	3,000	30,460	3,760	21,700	6,270
Germany, Fed. Rep. of .....	5,400	4,313	23,291	3,411	18,894	986
Greece .....	419	1,683	1,696	659	1,037	0
Ireland .....	1,513	3,175	4,804	617	4,074	113
Italy .....	3,010	3,352	10,824	3,724	6,154	946
Netherlands .....	2,250	5,052	11,367	1,901	9,334	132
Norway .....	375	4,840	1,837	914	892	31
Sweden .....	651	5,066	3,298	1,310	1,908	80
Switzerland .....	880	3,998	3,542	740	2,360	442
United Kingdom .....	3,402	4,462	15,180	7,380	7,713	87
Japan .....	1,013	6,046	6,125	3,691	2,310	124
Australia <sup>2</sup> .....	2,056	2,744	5,642	1,657	3,985	0
New Zealand <sup>3</sup> .....	2,053	2,956	6,069	537	5,395	137
Total .....	49,093	71,669	199,502	61,563	127,966	11,253
1979: <sup>4</sup>						
Canada .....	1,870	4,104	7,675	2,760	4,505	410
United States .....	10,777	5,203	56,074	25,850	29,544	680
Austria .....	995	3,367	3,350	1,180	1,647	537
Belgium and Luxembourg .....	1,046	3,810	3,985	800	2,995	190
Denmark .....	1,050	4,986	5,235	810	4,300	125
France .....	10,222	3,087	31,560	3,500	22,550	6,900
Germany, Fed. Rep. of .....	5,360	4,440	23,800	3,420	19,390	900
Greece .....	395	1,732	1,695	599	1,096	0
Ireland .....	1,545	3,153	4,871	617	4,138	116
Italy .....	3,045	3,399	11,100	3,760	6,380	960
Netherlands .....	2,225	4,981	11,580	1,875	9,585	120
Norway .....	377	4,907	1,873	920	922	31
Sweden .....	654	5,185	3,391	1,339	1,972	80
Switzerland .....	890	4,056	3,635	735	2,440	460
United Kingdom .....	3,433	4,468	15,340	7,380	7,880	80
Japan .....	1,072	6,054	6,490	3,850	2,510	130
Australia <sup>2</sup> .....	1,979	.....	.....	.....	.....	.....
New Zealand <sup>3</sup> .....	2,040	3,118	6,361	534	5,667	160
Total .....	49,075	70,050	198,015	59,929	127,521	11,379

<sup>1</sup> May include milk other than cow's milk.<sup>2</sup> Year ending June 30.<sup>3</sup> Year ending May 31.<sup>4</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 538.—Milk: Supply and

Item	1965	1966	1967	1968	1969
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Milk production .....	124,180	119,912	118,732	117,225	116,108
Net imports of ingredients (milk equivalent) <sup>2</sup> .....	149	1,431	1,334	172	316
Net change in storage cream (milk equivalent) <sup>3</sup> .....	10	60	43	24	-22
Total supply .....	124,339	121,283	120,109	117,421	116,402
Utilization (milk equivalent):					
Used in manufactured products:					
Creamery butter, total milk equivalent .....	29,867	25,084	27,563	26,393	25,241
Milk equivalent of butter from whey cream .....	1,819	1,413	1,457	1,481	1,510
Net milk equivalent .....	28,548	23,671	26,106	24,912	23,731
Cheese:					
American .....	11,458	12,154	12,701	12,716	12,668
Other .....	4,277	4,521	4,507	4,660	4,948
Cottage cheese, creamed .....	1,046	1,044	1,050	1,094	1,150
Canned milk:					
Evaporated .....	3,471	3,516	3,087	2,851	2,973
Sweetened condensed .....	214	287	141	195	190
Bulk condensed whole milk:					
Unsweetened .....	780	706	636	679	567
Sweetened .....	151	152	149	159	147
Dry whole milk .....	654	698	547	589	489
Ice cream and other frozen dairy products, total milk equivalent .....	12,557	12,476	12,505	13,037	13,043
Milk equivalent of butter and condensed milk used in ice cream .....	1,987	<sup>5</sup> 1,998	<sup>5</sup> 1,967	2,058	2,015
Net milk equivalent .....	10,570	10,508	10,538	10,979	11,028
Other manufactured products <sup>6</sup> .....	599	643	308	396	424
Total manufactured products .....	61,768	57,900	59,770	59,230	58,315
Available for use in fluid products:					
Sold by dealers .....	53,566	53,654	52,240	51,920	51,112
Sold by producers directly to consumers <sup>7</sup> .....	1,834	1,746	1,760	1,780	1,688
Total available for fluid products .....	55,400	55,400	54,000	53,700	52,800
Used on farms where produced:					
Fed to calves .....	2,061	1,980	1,891	1,821	1,745
Consumed as fluid milk and cream .....	3,443	3,131	2,865	2,616	2,397
Used for farm-churned butter .....	470	361	287	225	173
Total used on farms .....	5,974	5,472	<sup>9</sup> 5,164	4,662	4,315
Residual <sup>10</sup> .....	1,197	2,511	1,175	-171	972
Total utilization .....	124,339	121,283	120,109	117,421	116,402

<sup>1</sup> Preliminary.<sup>2</sup> Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures.<sup>3</sup> Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage.<sup>4</sup> Total evaporated and sweetened condensed, beginning 1970.<sup>5</sup> Without adjustment for imported butterfat-sugar mixtures which replaced butter and condensed milk used in ice cream.<sup>6</sup> Whole milk equivalent of dry cream, malted milk powder, part-skim milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat.



## utilization, United States, 1965-79

1970	1971	1972	1973	1974	1975	1976	1977	1978	1979 <sup>1</sup>
<i>Million pounds</i> 117,007 502 29	<i>Million pounds</i> 118,566 179 14	<i>Million pounds</i> 120,025 188 4	<i>Million pounds</i> 115,491 819 3	<i>Million pounds</i> 115,586 181 -33	<i>Million pounds</i> 115,334 181 -17	<i>Million pounds</i> 120,269 219 39	<i>Million pounds</i> 122,698 228 -16	<i>Million pounds</i> 121,609 232 -11	<i>Million pounds</i> 123,623 224 24
117,538	118,759	120,217	116,313	115,734	115,498	120,527	122,910	121,830	123,871
25,593 1,659 23,934	25,724 1,820 23,904	24,725 1,981 22,744	20,663 2,054 18,609	21,571 2,237 19,334	21,992 2,119 19,873	21,947 2,543 19,404	24,396 2,543 21,853	22,372 2,660 19,712	22,214 2,814 19,400
14,240 5,301 1,250	15,136 5,826 1,296	16,422 6,433 1,321	16,760 6,845 1,138	18,550 7,119 1,018	16,452 7,431 1,028	20,581 8,182 1,050	20,480 8,385 1,056	20,737 9,182 1,055	21,844 9,734 1,018
* 2,687	2,702	2,540	2,375	2,223	2,020	1,892	1,809	1,725	1,756
468 104 508	433 104 535	415 179 552	381 179 577	432 160 499	510 176 464	435 208 554	398 182 514	348 186 549	375 188 630
13,025	12,940	12,944	13,130	13,277	14,046	13,722	13,805	13,860	13,855
1,984 11,041 480	1,967 10,973 705	1,993 10,951 762	2,060 11,070 744	2,089 11,188 804	2,148 11,898 672	2,099 11,623 744	2,098 11,707 684	2,116 11,744 707	2,122 11,733 723
60,013	61,614	62,319	58,678	61,327	60,524	64,673	67,068	65,945	67,401
50,281 1,717	50,281 1,572	51,690 1,537	50,893 1,520	48,970 1,544	49,560 1,563	49,990 1,515	49,885 1,498	49,685 1,538	49,884 1,537
51,998	51,853	53,227	52,413	50,514	51,123	51,505	51,383	51,223	51,421
1,702 * 2,806	1,635 2,117	1,624 1,914	1,584 1,766	1,558 1,643	1,567 1,505	1,562 1,404	1,548 1,295	1,499 1,174	1,449 1,044
4,008	3,752	3,538	3,350	3,201	3,072	2,966	2,843	2,673	2,493
1,519	1,540	1,133	1,872	692	779	1,383	1,616	1,989	2,556
117,538	118,759	120,217	116,313	115,734	115,498	120,527	122,910	121,830	123,871

<sup>1</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.

<sup>2</sup> Includes milk used for farm-churned butter, beginning 1970.

<sup>3</sup> Includes some milk used for other purposes on farms or not utilized.

<sup>4</sup> Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 539.—Marketings, income, and value of milk production, by States, 1979 (preliminary)

State	Milk sold to plants and dealers				Cream sold to plants and dealers			Milk sold directly to consumers <sup>2</sup>		
	Quantity	Percent fluid grade <sup>1</sup>	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ala .....	565	98	13.30	75,145	.....	.....	.....	8,372	50	4,186
Alaska .....	11.9	100	17.50	2,083	.....	.....	.....	140	55	77
Ariz .....	840	100	12.50	105,000	.....	.....	.....	39,535	39	15,419
Ark .....	680	80	12.50	85,000	.....	.....	.....	3,256	36	1,172
Calif .....	12,135	96	11.40	1,383,390	.....	.....	.....	157,209	43	67,600
Colo .....	770	(3)	12.80	98,560	.....	.....	.....	18,140	45	8,168
Conn .....	580	100	12.80	74,240	.....	.....	.....	6,977	50	3,489
Del .....	125	100	12.60	15,750	.....	.....	.....	465	47	219
Fla .....	1,940	100	14.50	281,300	.....	.....	.....	1,860	42	781
Ga .....	1,280	100	12.90	165,120	.....	.....	.....	2,791	55	1,535
Hawaii .....	147.3	100	16.90	* 24,894	.....	.....	.....	.....	.....	.....
Idaho .....	1,612	38	11.40	183,768	.....	.....	.....	10,233	47	4,810
Ill .....	2,385	81	11.90	283,815	.....	.....	.....	930	48	446
Ind .....	2,131	90	12.30	262,113	.....	.....	.....	5,116	50	2,558
Iowa .....	3,790	58	11.60	439,640	360	132	475	.....	.....	.....
Kans .....	1,270	80	12.00	152,400	.....	.....	.....	2,326	45	1,047
Ky .....	2,090	81	11.80	246,620	.....	.....	.....	4,651	49	2,279
La .....	985	100	13.20	130,020	.....	.....	.....	5,581	47	2,623
Maine .....	615	100	13.00	79,950	.....	.....	.....	3,721	47	1,749
Md .....	1,485	100	12.60	187,110	.....	.....	.....	3,721	47	1,749
Mass .....	525	100	12.80	67,200	.....	.....	.....	13,488	46	6,204
Mich .....	4,710	95	12.00	565,200	113	98	111	12,558	50	6,279
Minn .....	9,068	55	11.32	1,026,498	.....	.....	.....	.....	.....	.....
Miss .....	790	95	12.60	99,540	.....	.....	.....	3,721	47	1,749
Mo .....	2,691	73	11.70	314,847	.....	.....	.....	4,651	51	2,372
Mont .....	259	96	11.90	30,821	176	100	176	1,395	44	614
Nebr .....	1,240	56	11.90	147,560	364	100	364	2,326	48	1,116
Nev .....	194	100	11.50	22,310	.....	.....	.....	.....	.....	.....
N.H .....	325	100	12.80	41,600	.....	.....	.....	4,186	46	1,926
N.J .....	465	100	12.50	58,125	.....	.....	.....	9,302	41	3,814
N. Mex .....	478	100	13.00	62,140	.....	.....	.....	6,512	50	3,256
N.Y .....	10,350	100	11.90	1,231,650	.....	.....	.....	41,860	43	18,000
N.C .....	1,480	96	12.70	187,960	.....	.....	.....	9,302	48	4,465
N. Dak .....	815	42	11.00	89,650	431	100	431	1,860	52	967
Ohio .....	4,170	92	12.10	504,570	.....	.....	.....	6,977	46	3,209
Okla .....	1,015	89	12.60	127,890	.....	.....	.....	6,977	52	3,628
Oreg .....	1,025	88	12.10	124,025	.....	.....	.....	23,256	40	9,302
Pa .....	7,610	98	12.70	966,470	.....	.....	.....	173,953	37	64,363
R.I .....	46	100	12.80	5,888	.....	.....	.....	930	50	465
S.C .....	495	100	13.20	65,340	.....	.....	.....	6,512	53	3,451
S. Dak .....	1,520	33	11.30	171,760	1,512	130	1,966	2,326	45	1,047
Tenn .....	2,000	86	12.20	244,000	.....	.....	.....	2,791	46	1,284
Tex .....	3,370	100	13.10	441,470	.....	.....	.....	16,279	54	8,791
Utah .....	892	73	11.70	104,364	.....	.....	.....	19,070	35	6,675
Vt .....	2,130	100	12.50	266,250	.....	.....	.....	1,860	44	818
Va .....	1,890	93	12.30	232,470	.....	.....	.....	3,721	50	1,861
Wash .....	2,660	100	11.90	316,540	.....	.....	.....	54,884	41	22,502
W. Va .....	330	(3)	12.10	39,930	.....	.....	.....	3,256	56	1,823
Wis .....	21,420	68	11.75	2,516,850	.....	.....	.....	6,047	37	2,237
Wyo .....	110	(3)	11.90	13,090	.....	.....	.....	.....	.....	.....
U.S .....	119,510	83	12.00	14,361,926	2,956	119	3,523	715,024	42.3	302,120

See footnotes at end of table.

Table 539.—Marketings, income and value of milk production: by States, 1979  
(preliminary)—Continued

State	Combined marketing of milk and cream				Used for milk, cream, and butter where produced		Gross producer income <sup>7</sup>	Value of all milk produced <sup>8</sup>
	Milk utilized	Average returns <sup>5</sup>		Cash receipts from marketings	Milk utilized	Value <sup>6</sup>		
		Per 100 pounds milk	Per pound milkfat					
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala .....	583	13.61	3.75	79,331	15	2,042	81,373	82,068
Alaska .....	12.2	17.70	4.94	2,160	0.4	71	2,231	2,301
Ariz .....	925	13.02	3.63	120,419	1	130	120,549	121,346
Ark .....	687	12.54	3.51	86,172	24	3,010	89,182	90,288
Calif .....	12,473	11.63	3.28	1,450,990	10	1,163	1,452,153	1,459,449
Colo .....	809	13.19	3.68	106,723	16	2,110	108,833	113,038
Conn .....	595	13.06	3.58	77,729	4	522	78,251	79,013
Del .....	126	12.67	3.45	15,969	2	253	16,222	16,344
Fla .....	1,944	14.51	4.21	282,081	14	2,031	284,112	285,267
Ga .....	1,286	12.96	3.56	166,655	10	1,296	167,951	168,998
Hawaii .....	147.3	16.90	4.97	24,894	1	169	25,063	25,350
Idaho .....	1,634	11.54	3.21	188,578	15	1,731	190,309	194,911
Ill .....	2,387	11.91	3.20	284,261	12	1,429	285,690	288,222
Ind .....	2,142	12.36	3.31	264,671	14	1,730	266,401	268,830
Iowa .....	3,800	11.58	3.14	440,115	45	5,211	445,326	453,936
Kans .....	1,275	12.04	3.30	153,447	10	1,204	154,651	157,002
Ky .....	2,100	11.85	3.23	248,899	90	10,665	259,564	263,070
La .....	997	13.30	3.66	132,643	20	2,660	135,303	135,793
Maine .....	623	13.11	3.61	81,699	7	918	82,617	83,642
Md .....	1,493	12.65	3.45	188,859	16	2,024	190,883	192,280
Mass .....	554	13.25	3.64	73,404	4	530	73,934	74,598
Mich .....	4,740	12.06	3.29	571,590	20	2,412	574,002	582,498
Minn .....	9,068	11.32	3.10	1,026,498	27	3,056	1,029,554	1,035,214
Miss .....	798	12.69	3.45	101,289	14	1,777	103,066	103,297
Mo .....	2,701	11.74	3.23	317,219	19	2,231	319,450	322,498
Mont .....	267	11.84	3.31	31,611	12	1,421	33,032	33,981
Nebr .....	1,255	11.88	3.23	149,040	20	2,376	151,416	153,846
Nev .....	194	11.50	3.34	22,310	2	230	22,540	22,885
N.H .....	334	13.03	3.54	43,526	3	391	43,917	44,563
N.J .....	485	12.77	3.47	61,939	4	511	62,450	63,084
N. Mex .....	492	13.29	3.83	65,396	9	1,196	66,592	67,247
N.Y .....	10,440	11.97	3.31	1,249,650	89	10,653	1,260,303	1,278,276
N.C .....	1,500	12.83	3.53	192,425	50	6,415	198,840	200,790
N. Dak .....	831	10.96	3.06	91,048	15	1,644	92,692	95,790
Ohio .....	4,185	12.13	3.28	507,779	40	4,852	512,631	517,345
Okla .....	1,030	12.77	3.58	131,518	23	2,937	134,455	136,639
Oreg .....	1,075	12.40	3.29	133,327	8	992	134,319	136,772
Pa .....	7,984	12.91	3.47	1,030,833	40	5,164	1,035,997	1,043,644
R.I .....	48	13.24	3.66	6,353	1	132	6,485	6,620
S.C .....	509	13.51	3.53	68,791	8	1,081	69,872	70,792
S. Dak .....	1,567	11.15	3.08	174,773	18	2,007	176,780	179,404
Tenn .....	2,006	12.23	3.30	245,284	52	6,360	251,644	258,175
Tex .....	3,405	13.22	3.72	450,261	10	1,322	451,583	454,371
Utah .....	933	11.90	3.36	111,039	5	595	111,634	112,812
Vt .....	2,134	12.51	3.41	267,068	19	2,377	269,445	272,593
Va .....	1,898	12.35	3.38	234,331	23	2,841	237,172	238,726
Wash .....	2,778	12.20	3.32	339,042	6	732	339,774	342,942
W. Va .....	337	12.39	3.37	41,753	14	1,735	43,488	44,232
Wis .....	21,433	11.75	3.13	2,519,087	159	18,683	2,537,770	2,579,125
Wyo .....	110	11.90	3.31	13,090	4	476	13,566	13,923
U.S .....	121,129	12.11	3.31	14,667,569	1,044	127,498	14,795,067	14,967,830

<sup>1</sup>Percentage of milk sold to plants and dealers that is eligible for grade milk use (Grade A in most States). Includes fluid-grade milk used in manufactured dairy products.

<sup>2</sup>Also includes milk produced by institutional herds.

<sup>3</sup>Not published to avoid disclosing individual operations.

<sup>4</sup>Based on unrounded value. Includes milk sold directly to consumers.

<sup>5</sup>Cash receipts divided by milk or milkfat represented in combined marketings.

<sup>6</sup>Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

<sup>7</sup>Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-cherished butter.

<sup>8</sup>Includes value of milk fed to calves.

Table 540.—Marketings, income and value of milk production, United States, 1965–79

Year	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk sold directly to consumer		
	Quantity	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
1965 .....	112,720	4.23	4,766,723	132,170	61.1	80,725	853,300	22.3	190,279
1966 .....	109,699	4.81	5,272,421	107,920	67.2	72,559	813,200	23.2	188,418
1967 .....	109,433	5.01	5,486,975	85,970	68.2	58,600	819,200	24.0	196,656
1968 .....	108,811	5.24	5,703,747	71,140	68.7	48,903	826,800	24.8	204,632
1969 .....	108,497	5.49	5,952,967	57,950	68.9	39,955	785,002	25.8	202,750
1970 .....	110,089	5.71	6,281,063	42,644	70.0	29,866	798,606	27.0	215,646
1971 .....	112,242	5.87	6,582,995	35,969	69.1	24,859	731,162	27.9	204,223
1972 .....	114,152	6.07	6,926,955	28,737	67.8	19,478	714,841	27.8	198,855
1973 .....	109,948	7.14	7,854,895	24,288	67.3	16,338	706,946	31.0	218,936
1974 .....	110,420	8.33	9,193,111	15,287	63.2	9,669	717,955	34.9	250,867
1975 .....	110,385	8.75	9,657,132	11,437	70.3	8,039	726,837	35.4	257,362
1976 .....	115,558	9.66	11,165,363	8,350	83.4	6,966	704,510	36.4	256,126
1977 .....	118,172	9.72	11,489,633	6,736	92.0	6,197	696,557	36.7	255,900
1978 .....	117,293	10.60	12,408,560	3,750	102.0	3,843	715,535	38.8	277,470
1979 <sup>1</sup> .....	119,510	12.00	14,361,926	2,956	119.0	3,523	715,024	42.3	302,120

Year	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products <sup>4</sup>	Farm value of all milk produced <sup>3,5</sup>
	Milk utilized	Average returns <sup>2</sup>		Cash receipts from marketings	Milk utilized	Value <sup>3</sup>		
		Per 100 pounds milk	Per pound milkfat					
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	118,206	4.26	1.15	5,037,727	3,913	174,844	5,212,571	5,296,774
1966 .....	114,440	4.84	1.31	5,533,398	3,492	174,943	5,708,341	5,801,039
1967 .....	113,567	5.06	1.37	5,742,231	3,152	164,830	5,907,061	6,005,639
1968 .....	112,563	5.29	1.44	5,957,282	2,841	154,853	6,112,135	6,206,150
1969 .....	111,793	5.54	1.51	6,195,672	2,570	146,106	6,341,778	6,434,834
1970 .....	112,999	5.78	1.58	6,526,575	2,306	136,094	6,662,669	6,757,294
1971 .....	114,814	5.93	1.62	6,812,077	2,117	128,100	6,940,177	7,034,801
1972 .....	116,487	6.13	1.67	7,145,288	1,914	119,285	7,264,573	7,361,435
1973 .....	112,141	7.21	1.97	8,090,169	1,766	129,431	8,219,600	8,331,450
1974 .....	112,385	8.41	2.29	9,453,647	1,643	140,079	9,593,726	9,723,186
1975 .....	112,262	8.84	2.40	9,922,533	1,505	133,940	10,056,473	10,192,739
1976 .....	117,303	9.74	2.66	11,428,455	1,404	137,998	11,566,453	11,714,591
1977 .....	119,856	9.80	2.68	11,751,730	1,295	127,699	11,879,429	12,027,741
1978 .....	118,935	10.67	2.91	12,689,873	1,174	125,780	12,815,653	12,974,249
1979 <sup>1</sup> .....	121,129	12.11	3.31	14,667,569	1,044	127,498	14,795,067	14,967,830

<sup>1</sup> Preliminary.<sup>2</sup> Cash receipts divided by milk or milkfat represented in combined marketings.<sup>3</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.<sup>4</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter.<sup>5</sup> Includes value of milk fed to calves. For 1967, also includes value of milk used for other purposes on farms or not utilized.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 542

<sup>1</sup> All prices are f.o.b. factory. Geographic division prices are straight averages of monthly prices prior to 1977. U.S. prices represent weighted average prices of milk for evaporated milk.<sup>2</sup> Idaho, Montana, Oregon, Washington, and Wyoming, through 1970.<sup>3</sup> Arizona, California, Colorado, Nevada, New Mexico, and Utah, through 1970.<sup>4</sup> Not shown separately to avoid disclosure of individual operations.<sup>5</sup> Pertains to entire North Central region beginning 1971.<sup>6</sup> Pertains to entire Western region beginning 1971.<sup>7</sup> Includes South Atlantic region beginning 1972.<sup>8</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 541.—Federal Milk Order Markets: Measures of growth, 1965-79

Year	Markets <sup>1</sup>	Population of Federal milk marketing areas <sup>2</sup>	Handlers <sup>1</sup>	Producers <sup>3</sup>	Producer deliveries	Producer deliveries used in Class I	Percentage of producer deliveries used in Class I
	Number	Thousands	Number	Number	Million pounds	Million pounds	Percent
1965	73	102,351	1,891	158,077	54,444	34,561	63.5
1966	71	98,307	1,724	145,964	53,012	34,805	65.7
1967	74	103,566	1,650	140,657	53,761	34,412	64.0
1968	67	117,013	1,637	141,623	56,444	36,490	64.6
1969	67	122,319	1,628	144,275	61,026	39,219	64.3
1970	62	125,721	1,588	143,411	65,104	40,063	61.5
1971	62	142,934	1,529	141,347	67,872	40,268	59.3
1972	62	142,934	1,487	136,883	68,719	40,938	59.6
1973	61	141,472	1,355	131,565	66,229	40,519	61.2
1974	61	141,546	1,312	126,805	67,778	39,283	58.0
1975	56	144,467	1,315	123,855	69,249	40,106	57.9
1976	50	149,493	1,305	122,675	74,586	40,985	54.9
1977	47	149,786	1,260	122,755	77,947	41,125	52.8
1978	47	149,824	1,187	119,326	78,091	41,143	52.7
1979	47	149,824	1,127	116,444	79,437	41,008	51.6

  

Year	Prices at 3.5 percent butterfat content per hundred weight <sup>4</sup>		Receipts as percentage of milk sold to plants and dealers		Daily deliveries per producer	Gross value of blend price adjusted for butterfat content	
	Class I	Blend	Fluid grade	All milk		Per producer	All producers
	Dollars	Dollars	Percent	Percent	Pounds	Dollars	1,000 dollars
1965	4.93	4.81	70	48	944	15,300	2,418,526
1966	5.55	4.95	70	48	994	18,526	2,630,908
1967	5.85	5.17	71	49	1,056	20,321	2,858,351
1968	6.23	5.53	74	52	1,089	22,561	3,195,087
1969	6.50	5.74	77	56	1,164	24,892	3,591,293
1970	6.74	5.95	79	59	1,244	27,636	3,963,311
1971	6.90	6.08	80	60	1,316	29,893	4,225,340
1972	7.10	6.31	78	60	1,372	32,439	4,440,288
1973	8.03	7.31	78	60	1,386	37,461	4,928,514
1974	9.35	8.36	78	61	1,464	45,376	5,753,352
1975	9.36	8.64	79	63	1,532	49,233	6,097,768
1976	10.70	9.75	80	65	1,661	60,277	7,394,486
1977	10.59	9.69	80	66	1,740	62,692	7,695,764
1978	11.40	10.57	80	66	1,793	70,528	8,415,787
1979	12.88	11.97	80	66	1,870	83,193	9,687,317

<sup>1</sup>End of year. (Date on which pricing provisions became effective.) according to the 1960 and 1970 U.S. Census of Population, respectively.

<sup>2</sup>End of year. Data for 1965-70 and 1971-79

<sup>3</sup>Average for year. <sup>4</sup>Weighted averages.

Agricultural Marketing Service.

Table 542.—Milk: Average price per hundredweight paid producers by condenseries for milk of actual milkfat content, to be used primarily for evaporated milk, by geographic divisions, 1965-79<sup>1</sup>

Year	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	North-western <sup>2</sup>	South-western <sup>3</sup>	United States
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1965	3.41	3.43	3.36	3.52	3.45	3.37	3.56	3.41
1966	4.00	4.03	4.09	4.02	3.99	3.83	3.99	3.98
1967	4.11	4.20	4.18	4.04	4.08	3.98	4.11	4.10
1968	4.35	4.28	4.32	4.14	4.16	4.05	4.24	4.21
1969	4.43	4.41	4.51	4.41	4.33	4.36	4.42	4.41
1970	4.64	4.50	4.61	4.68	4.43	4.71	4.58	4.52
1971	(*)	4.65	<sup>5</sup> 4.65		4.57	<sup>6</sup> 4.90		4.68
1972	(*)		4.79		<sup>7</sup> 4.64	4.89		4.76
1973	(*)		5.54		5.64	5.66		5.64
1974	(*)		7.16		7.19	6.98		7.13
1975	(*)		7.29		7.22	7.77		7.40
1976	(*)		8.33		8.29	8.42		8.32
1977	(*)		8.46		8.39	8.63		8.45
1978	(*)		9.16		9.24	9.38		9.22
1979 <sup>8</sup>	(*)		10.51		10.77	10.58		10.64

See footnotes on page 372.

**Table 543.—Milk markets under Federal marketing program: Blend and Class I milk producers, deliveries by producers, producer deliveries used in Class I, Class I utilization by markets, 1978 and 1979**

Marketing area	Average minimum prices per 100 pounds payable to producers				Average number of producers	
	Blend price <sup>1</sup>		Class I price			
	1978	1979	1978	1979	1978	1979
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Number</i>	<i>Number</i>
Black Hills, S. Dak. <sup>3</sup>	10.59	12.03	11.27	12.74	93	91
Central Arizona <sup>4</sup>	11.06	12.53	11.82	13.30	156	155
Central Arkansas <sup>5</sup>	11.00	12.46	11.23	12.72	751	745
Central Illinois <sup>6</sup>	10.33	11.66	10.70	12.12	521	417
Chicago Regional, Ill.-Wis. <sup>7</sup>	10.02	11.40	10.55	12.04	16,832	16,914
Eastern Colorado, Colo.-Kans. <sup>8</sup>	11.05	12.50	11.60	13.08	912	910
Eastern Ohio-Western Pa., Ohio-Pa.-W. Va. <sup>9</sup>	10.44	11.90	11.14	12.62	7,024	6,592
Eastern South Dakota, S. Dak.-Iowa-Minn. <sup>10</sup>	10.18	11.59	10.70	12.18	468	458
Georgia <sup>11</sup>	11.16	12.59	11.60	13.08	1,379	1,362
Great Basin, Utah-Nev.-Wyo. <sup>12</sup>	10.55	12.01	11.20	12.68	721	715
Greater Kansas City, Mo.-Kans. <sup>13</sup>	10.38	11.82	11.03	12.52	1,413	1,335
Greater Louisiana <sup>14</sup>	11.36	12.88	11.75	13.25	777	687
Indiana <sup>15</sup>	10.36	11.88	10.75	12.26	3,423	3,008
Inland Empire, Wash.-Idaho <sup>16</sup>	10.43	11.90	11.23	12.74	315	293
Iowa, Iowa-Ill. <sup>17</sup>	10.13	11.53	10.69	12.18	3,311	3,326
Lake Mead, Nev.-Utah <sup>18</sup>	10.64	12.06	10.89	12.37	50	48
Louisville-Lex.-Evans., Ky.-Ind.	10.44	11.87	10.99	12.48	2,227	2,103
Lubbock-Plainview, Texas	11.48	12.89	11.72	13.20	67	64
Memphis, Tenn.-Miss.-Ark	10.95	12.42	11.23	12.72	541	505
Michigan Upper Peninsula, Mich.-Wis. <sup>19</sup>	10.15	11.60	10.64	12.12	198	161
Middle Atlantic, Del.-D.C.-Md.-N.J.-Pa.-Va. <sup>20</sup>	10.91	12.29	12.06	13.56	7,539	7,219
Nashville, Tenn.-Ky	10.49	11.96	11.14	12.64	763	850
Nebraska-Western Iowa, Nebr.-Iowa-S. Dak. <sup>21</sup>	10.23	11.58	10.89	12.38	1,603	1,596
Neosho Valley, Kans.-Mo. <sup>22</sup>	10.75	11.42	10.95	12.31	29	59
New England, Mass.-Conn.-N.H.-R.I.-Vt. <sup>23</sup>	11.24	12.67	12.27	13.70	7,769	7,506
New Orleans-Mississippi, La.-Miss. <sup>24</sup>	11.47	12.90	12.14	13.63	1,668	1,643
New York-New Jersey <sup>25</sup>	10.71	12.07	11.91	13.39	18,030	17,596
Ohio Valley, Ind.-Ky.-Mich.-Ohio-W. Va. <sup>26</sup>	10.48	11.91	11.00	12.47	5,861	5,663
Oklahoma Metropolitan <sup>27</sup>	10.68	12.26	11.27	12.76	1,430	1,185
Oregon-Washington <sup>28</sup>	10.54	11.93	11.25	12.73	983	968
Paducah, Ky.-Mo.	10.73	12.24	10.99	12.48	209	175
Puget Sound, Wash. <sup>29</sup>	10.26	11.64	11.16	12.63	1,218	1,189
Red River Valley, Texas-Okla. <sup>30</sup>	10.91	12.40	11.47	12.92	187	132
Rio Grande Valley, N. Mex.-Texas-Colo. <sup>31</sup>	11.05	12.35	11.65	13.13	174	150
St. Louis-Ozarks, Mo.-Ill.-Ark. <sup>32</sup>	10.42	11.77	10.90	12.37	3,038	3,105
Southeastern Florida <sup>33</sup>	12.25	13.74	12.44	13.92	97	99
Southern Illinois <sup>34</sup>	10.39	11.86	10.82	12.31	1,776	1,652
Southern Michigan <sup>35</sup>	10.32	11.74	10.89	12.38	6,575	6,365
Tampa Bay, Fla.	12.01	13.47	12.23	13.71	124	135
Tennessee Valley, Tenn.-Va.-W. Va.-Ky.-Ga. <sup>36</sup>	10.97	12.44	11.39	12.89	1,667	1,749
Texas <sup>37</sup>	11.13	12.64	11.61	13.10	3,121	2,860
Texas Panhandle, Texas-Okla. <sup>38</sup>	11.19	12.69	11.54	13.05	196	132
Upper Florida <sup>39</sup>	12.01	13.45	12.14	13.63	179	213
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa <sup>40</sup>	9.78	11.15	10.43	11.90	13,376	13,781
Western Colorado <sup>41</sup>	11.11	12.57	11.31	12.78	58	60
Wichita, Kans. <sup>42</sup>	10.51	12.00	11.09	12.59	480	475

<sup>1</sup> Minimum blend price in market pools; weighted average of dealers' blend prices in individual-handler pools; weighted average of base and excess payments are used. <sup>2</sup> Excludes producer-handlers who purchase no milk from other producers. <sup>3</sup> Rapid City, South Dakota. <sup>4</sup> Phoenix. <sup>5</sup> Little Rock. <sup>6</sup> Peoria. <sup>7</sup> Zone I (Chicago). <sup>8</sup> Class I and blend price at Milwaukee (Zone 4) 9 cents less. <sup>9</sup> Denver. <sup>10</sup> Zone I (Erie, Pennsylvania). <sup>11</sup> Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. <sup>12</sup> Sioux Falls. <sup>13</sup> Atlanta. <sup>14</sup> Salt Lake City, Utah. <sup>15</sup> Kansas City and Topeka. <sup>16</sup> Monroe and Shreveport. <sup>17</sup> Indianapolis. <sup>18</sup> Spokane, Washington. <sup>19</sup> Zone I (Des Moines). <sup>20</sup> Class I prices at other points in the marketing area: Rock Island, IL, minus seven cents; and Waterloo, minus 16 cents. <sup>21</sup> Las Vegas, Nevada. <sup>22</sup> Zone I (Marquette). <sup>23</sup> Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. <sup>24</sup> Zone I (Omaha).

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prices at 3.5 percent fat test, f.o.b. city plants, unless indicated otherwise, number of percentage, average daily deliveries per producer, and average fat test of milk delivered

Producer deliveries <sup>2</sup>		Producer deliveries used in Class I		Class I utilization percentage		Daily deliveries per producers		Average fat test	
1978	1979	1978	1979	1978	1979	1978	1979	1978	1979
Million pounds	Million pounds	Million pounds	Million pounds	Percent	Percent	Pounds	Pounds	Percent	Percent
77	80	47	50	61	63	2,334	2,467	3.67	3.68
853	879	566	589	66	67	15,792	16,395	3.61	3.59
372	383	324	332	87	87	1,990	1,974	3.54	3.54
279	232	166	137	60	59	1,474	1,511	3.72	3.73
10,186	10,628	3,017	2,998	30	28	1,658	1,722	3.73	3.74
879	894	630	648	72	72	2,645	2,707	3.59	3.59
3,434	3,369	2,059	2,035	60	60	1,338	1,400	3.69	3.68
278	280	139	136	50	49	1,656	1,691	3.62	3.64
1,580	1,563	1,227	1,203	78	77	3,141	3,148	3.65	3.64
747	763	440	462	59	60	2,845	2,921	3.55	3.55
856	827	483	472	56	57	1,715	1,763	3.64	3.63
639	606	531	514	83	85	2,259	2,432	3.67	3.66
1,932	1,770	1,326	1,281	69	72	1,541	1,613	3.77	3.75
312	331	161	174	52	52	2,715	3,111	3.69	3.61
1,839	1,907	769	748	42	39	1,547	1,588	3.72	3.73
136	131	101	92	74	70	7,514	7,600	3.39	3.31
1,148	1,140	703	688	61	60	1,412	1,486	3.68	3.68
71	79	64	70	90	88	5,067	5,543	3.55	3.52
302	306	251	258	83	84	2,247	2,230	3.67	3.63
88	72	50	43	57	60	1,216	1,219	3.68	3.68
5,420	5,391	2,995	2,906	55	54	1,970	2,046	3.70	3.67
495	531	297	320	60	60	1,779	1,715	3.67	3.68
1,066	1,099	533	533	50	48	1,870	1,945	3.69	3.70
9	30	7	12	83	39	1,531	1,773	3.70	3.69
5,046	5,089	2,920	2,926	58	58	1,779	1,859	3.67	3.64
1,122	1,127	793	789	71	70	1,841	1,879	3.65	3.65
9,877	10,157	4,719	4,594	48	45	1,501	1,581	3.62	3.62
2,954	2,997	1,832	1,855	62	62	1,382	1,449	3.72	3.72
813	760	543	561	67	74	2,102	2,131	3.59	3.60
1,454	1,498	826	821	57	55	4,053	4,225	3.78	3.74
113	101	89	84	79	83	1,482	1,592	3.76	3.69
1,758	1,854	732	768	42	41	3,954	4,272	3.69	3.66
111	63	77	48	69	76	2,173	2,136	3.52	3.61
483	527	343	349	71	66	10,215	12,316	3.48	3.48
1,848	1,951	1,264	1,272	68	65	1,669	1,722	3.66	3.65
785	788	726	735	92	93	23,053	22,822	3.50	3.43
1,013	957	574	576	57	60	1,565	1,590	3.70	3.71
4,208	4,239	2,290	2,248	54	53	1,759	1,824	3.70	3.68
534	549	485	490	91	89	11,233	11,193	3.44	3.46
1,101	1,186	839	893	76	75	1,810	1,856	3.73	3.71
3,419	3,327	2,641	2,683	77	81	3,013	3,192	3.56	3.57
91	88	77	75	84	85	2,824	3,062	3.49	3.51
681	741	639	688	94	93	11,132	10,236	3.47	3.46
7,305	7,756	1,580	1,573	22	20	1,497	1,543	3.69	3.71
71	77	62	67	88	88	3,549	3,696	3.62	3.65
305	318	204	212	67	66	2,140	2,137	3.65	3.65

<sup>22</sup> Pittsburgh, Kansas. <sup>23</sup> For 1978, Zone I (Boston). Price at 201-210 mile zone: Class I and blend, are 50 cents less in 1978. Class I price at Hartford is 11 cents. For 1978, nearby plant zone (Boston and Hartford). Prices at 201-210 mile zone are 40 cents less. <sup>24</sup> Zone I (New Orleans). <sup>25</sup> New York metropolitan area. Price excludes a 15-cent direct delivery differential. Prices at 201-210 mile zone: Class I and blend 36 cents less. <sup>26</sup> Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) five cents more. <sup>27</sup> Oklahoma City. <sup>28</sup> Portland. <sup>29</sup> District I (Seattle). <sup>30</sup> Wichita Falls, Texas. <sup>31</sup> Albuquerque, Santa Fe, and El Paso. <sup>32</sup> Zone I (St. Louis and Springfield). <sup>33</sup> Miami. <sup>34</sup> Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) seven cents more. <sup>35</sup> Price excludes direct delivery differentials applicable to milk delivered to Detroit of 10 cents. <sup>36</sup> Bristol, Chattanooga, and Knoxville. <sup>37</sup> Zone I (Dallas). Class I price at Houston plus 36 cents. <sup>38</sup> Amarillo. <sup>39</sup> Jacksonville and Tallahassee. <sup>40</sup> Zone I (Minneapolis). <sup>41</sup> Grand Junction. <sup>42</sup> Zone I (Wichita).



Table 544.—Milk markets under Federal marketing programs: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1978 and 1979<sup>1</sup>

Marketing area	Whole milk <sup>2</sup>				Lowfat and skim milk items <sup>3</sup>				Total			
	Quantity		Milkfat test		Quantity		Milkfat test		Quantity		Milkfat test	
	1978	1979	Percent	1978	1979	Percent	1978	1979	1978	1979	Percent	1979
Black Hills, South Dakota .....	1,000 pounds	1,000 pounds	Percent	1,000 pounds	1,000 pounds	Percent	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Percent	Percent
Central Arizona .....	14,907	14,596	3.33	19,691	20,335	1.88	34,981	34,981	2.51	2.48	2.51	2.48
Central Arkansas .....	348,050	356,683	3.50	218,866	239,584	1.46	566,267	566,267	2.71	2.71	2.71	2.71
Central Illinois .....	165,216	167,885	3.35	75,523	81,507	1.54	249,739	249,739	2.78	2.78	2.78	2.78
Central Indiana .....	114,097	107,172	3.26	120,363	124,135	1.67	231,307	231,307	2.44	2.44	2.44	2.44
Chicago Regional, Ill.-Wis .....	1,569,781	1,435,540	3.31	1,342,088	1,424,409	1.62	2,911,869	2,911,869	2.53	2.53	2.53	2.53
Eastern Colorado, Colo.-Kans .....	316,254	312,057	3.30	290,012	304,304	1.76	606,266	606,266	2.55	2.55	2.55	2.55
Eastern Ohio-Western Pa., Ohio-W. Va.-Pa .....	1,460,954	1,413,528	3.28	633,053	673,438	1.71	2,094,006	2,094,006	2.81	2.81	2.81	2.78
Iowa-Minn .....	39,082	35,467	3.27	70,300	77,391	1.75	109,382	112,858	2.29	2.29	2.29	2.22
Fort Smith, Arkansas .....	18,269	15,658	3.40	8,009	9,522	1.46	26,278	25,180	2.81	2.81	2.81	2.59
Georgia .....	644,810	640,744	3.31	381,323	377,847	1.25	1,026,133	1,018,591	2.55	2.55	2.55	2.53
Great Basin, Utah-Nev.-Wyo .....	170,369	174,006	3.30	262,381	279,685	1.87	432,760	453,091	2.43	2.43	2.43	2.42
Greater Kansas City, Mo.-Kans .....	278,879	267,765	3.28	250,097	249,401	1.54	528,976	517,566	2.46	2.46	2.46	2.44
Greater Louisiana .....	461,380	459,253	3.55	123,909	126,100	1.61	585,289	585,353	3.14	3.14	3.14	3.11
Indiana .....	593,977	562,427	3.29	623,681	671,984	1.72	1,217,658	1,294,414	2.49	2.49	2.49	2.44
Inland Empire, Wash.-Idaho .....	50,261	50,294	3.31	103,362	108,523	1.78	153,624	158,817	2.28	2.28	2.28	2.26
Iowa-Iowa-III .....	284,766	245,345	3.38	439,026	447,565	1.67	703,792	692,910	2.32	2.32	2.32	2.26
Lake Mead, Nev.-Utah .....	88,334	93,339	3.38	48,643	51,511	1.85	136,977	144,850	2.83	2.83	2.83	2.81
Louisville-Lex.-Evans, Ky.-Ind .....	352,135	328,949	3.29	318,376	342,451	1.76	670,511	671,360	2.56	2.56	2.56	2.50
Lubbock-Plainview, Texas .....	54,911	56,801	3.38	17,666	18,056	1.44	72,578	74,357	2.90	2.90	2.90	2.91
Memphis, Tenn.-Miss.-Ark .....	154,234	156,531	3.36	68,662	69,893	1.25	223,896	226,414	2.71	2.71	2.71	2.71
Michigan Upper Peninsula, Mich.-Wis .....	52,278	46,789	3.34	47,690	51,282	1.70	99,968	98,071	2.56	2.56	2.56	2.49
Middle Atlantic, Del-D.C.-Md.-N.J.-Pa.-Va .....	2,026,413	1,975,200	3.31	851,361	883,644	1.28	2,877,774	2,858,844	2.71	2.71	2.71	2.68
Nashville, Tenn.-Ky .....	249,012	297,357	3.32	126,120	131,686	1.60	375,133	369,043	2.71	2.71	2.71	2.66
Nebraska-Western Iowa, Nebr-Iowa-S. Dak .....	251,513	234,849	3.31	255,702	269,336	1.61	507,215	504,185	2.45	2.45	2.45	2.43
Neosho Valley, Kans.-Mo .....	52,176	48,730	3.30	25,682	26,471	1.45	77,827	74,201	2.69	2.69	2.69	2.67
New England, Mass.-Conn.-N.H.-R.I.-Vt .....	2,245,490	2,225,036	3.36	640,100	662,902	.97	2,885,591	2,887,938	2.83	2.83	2.83	2.79
New Orleans-Mississippi, La.-Miss .....	602,672	577,808	3.56	153,706	161,624	1.36	756,378	739,431	3.11	3.11	3.11	3.07
Ohio Valley, Ind.-Ky- Mich.-Ohio-W. Va .....	1,213,274	1,097,613	3.26	906,746	890,698	1.67	2,020,020	1,978,312	2.63	2.63	2.63	2.56
Oklahoma Metropolitan .....	307,116	303,933	3.29	109,311	108,344	1.42	416,927	412,277	2.80	2.80	2.80	2.80
Oregon-Washington .....	360,633	350,215	3.37	470,955	503,300	1.81	831,588	853,515	2.48	2.48	2.48	2.43



Paducah, Ky.-Mo .....	60,046	59,717	3.24	3.23	28,650	29,719	1.44	1.41	88,686	89,436	2.66	2.63
Puget Sound, Wash .....	260,877	271,974	3.33	3.31	393,712	410,721	1.54	1.51	650,589	682,095	2.44	2.41
Red River Valley, Okla.-Texas .....	114,397	111,390	3.35	3.34	23,270	23,081	1.23	1.17	137,666	134,471	3.00	2.97
Rio Grande Valley, N. Mex.-Texas-Colo .....	296,214	298,364	3.38	3.36	84,830	87,318	1.47	1.44	381,044	386,182	2.95	2.92
St. Louis-Ozarks, Mo.-Ill.-Ark .....	350,919	353,728	3.25	3.24	309,682	321,078	1.52	1.51	660,551	654,906	2.44	2.39
Southeastern Florida .....	562,097	523,972	3.33	3.32	213,290	224,362	1.29	1.31	716,387	743,334	2.72	2.72
Southern Illinois .....	286,786	283,902	3.24	3.23	253,152	258,029	1.71	1.69	519,988	506,931	2.49	2.45
Southern Michigan .....	1,433,178	1,360,762	3.25	3.27	768,023	776,263	1.01	1.04	2,201,201	2,137,045	2.47	2.46
Tampa Bay, Fla .....	383,307	379,502	3.28	3.27	162,272	182,225	1.10	1.10	545,579	561,727	2.63	2.66
Tenn. Val., Tenn.-Ky.-Va.-W. Va.-Ga .....	410,083	393,493	3.34	3.31	332,212	360,189	1.59	1.58	742,295	743,682	2.56	2.60
Texas .....	1,878,104	1,918,184	3.35	3.34	604,027	606,390	1.23	1.21	2,482,130	2,523,574	2.84	2.83
Texas Panhandle, Texas-Okla .....	69,960	73,021	3.35	3.36	17,525	18,048	1.51	1.45	86,485	91,069	3.00	2.98
Upper Florida .....	461,472	471,982	3.26	3.27	177,791	187,272	1.23	1.17	639,263	659,255	2.70	2.67
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa .....	398,619	353,723	3.28	3.28	1,011,929	1,041,288	1.50	1.50	1,410,549	1,395,010	2.00	1.95
Western Colorado .....	29,599	29,259	3.32	3.29	22,071	23,974	1.80	1.82	51,670	53,233	2.67	2.63
Wichita, Kansas .....	114,486	111,692	3.27	3.29	79,885	85,178	1.56	1.51	194,371	196,370	2.57	2.52

<sup>1</sup>In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

<sup>2</sup>Plain and flavored whole milk.

<sup>3</sup>Plain, fortified, and flavored skim and lowfat milk and buttermilk.

Agricultural Marketing Service. Compiled from reports of market administrators.

Table 545.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1965-79

Year	Milk cows, per head <sup>1</sup>	Milk per 100 pounds <sup>2</sup>						Milkfat in cream, per pound <sup>4</sup>
		Eligible for fluid market <sup>3</sup>		Of manufacturing grade		All milk wholesale		
		Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Cents</i>
1965 .....	212.00	4.63	3.71	3.34	3.70	4.23	3.70	61.1
1966 .....	246.00	5.17	3.70	3.97	3.69	4.81	3.69	67.2
1967 .....	260.00	5.43	3.69	4.06	3.68	5.02	3.69	68.2
1968 .....	274.00	5.67	3.67	4.22	3.67	5.24	3.67	68.4
1969 .....	300.00	5.87	3.68	4.45	3.67	5.49	3.67	68.9
1970 .....	332.00	6.05	3.67	4.70	3.65	5.71	3.66	70.0
1971 .....	358.00	6.19	3.67	4.86	3.65	5.87	3.66	69.1
1972 .....	398.00	6.38	3.68	5.08	3.66	6.07	3.68	67.5
1973 .....	496.00	7.42	3.66	6.20	3.65	7.14	3.66	67.2
1974 .....	500.00	8.66	3.67	7.13	3.66	8.33	3.67	63.2
1975 .....	412.00	9.02	3.67	7.63	3.66	8.75	3.67	70.3
1976 .....	477.00	9.93	3.67	8.56	3.65	9.66	3.66	83.4
1977 .....	504.00	9.96	3.65	8.70	3.66	9.72	3.65	92.0
1978 .....	675.00	10.80	3.66	9.65	3.67	10.00	3.67	102.0
1979 .....	1,040.00	12.20	3.65	11.10	3.68	12.00	3.66	119.0

Year	Prices paid by plants for manufacturing grade milk of average fat test for specific purposes <sup>5</sup>							
	Milk for evaporated milk <sup>6</sup>		Milk for butter and byproducts		Milk for cheese			
					American cheese		All cheese	
	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test
	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>
1965 .....	3.41	3.90	3.34	3.67	3.36	3.76	3.39	3.74
1966 .....	3.98	3.88	3.90	3.68	4.03	3.75	3.04	3.73
1967 .....	4.10	3.87	4.08	3.69	4.06	3.74	4.05	3.73
1968 .....	4.21	3.83	4.25	3.68	4.22	3.73	4.23	3.73
1969 .....	4.41	3.82	4.42	3.67	4.51	3.72	4.54	3.72
1970 .....	4.52	3.80	4.62	3.61	4.76	3.68	4.80	3.68
1971 .....	4.68	3.79	4.82	3.61	4.89	3.68	4.92	3.67
1972 .....	4.76	3.72	5.00	3.63	5.15	3.68	5.18	3.67
1973 .....	5.64	3.67	6.10	3.61	6.33	3.67	6.35	3.66
1974 .....	7.13	3.64	7.00	3.63	7.16	3.67	7.19	3.67
1975 .....	7.40	3.62	7.60	3.65	7.70	3.68	7.75	3.68
1976 .....	8.32	3.63	8.39	3.60	8.60	3.65	8.65	3.66
1977 .....	8.45	3.60	8.58	3.60	8.73	3.66	8.77	3.67
1978 .....	9.22	3.60	9.54	3.63	9.71	3.68	9.76	3.68
1979 .....	10.64	3.57	10.84	3.65	11.09	3.69	11.14	3.69

<sup>1</sup> Simple average of monthly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current year.

<sup>2</sup> Average price at average fat test for all milk sold at wholesale to plants and dealers, based on reports from milk-market administrators, cooperative milk-market associations, whole-milk distributors, and milk-products manufacturing plants, f.o.b. plant or receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

<sup>3</sup> Milk eligible for fluid market, including surplus diverted to manufacturing.

<sup>4</sup> Weighted average of monthly prices, by States, weighted by the estimated quantity of fat sold.

<sup>5</sup> Monthly average prices and tests weighted by estimated production in each month. Price f.o.b. factory or local receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

<sup>6</sup> Includes milk for canned condensed milk.

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Table 546.—Dairy products: Factory production of specified items, by States, 1977-79

State	Butter			Total American cheese <sup>2</sup>			Total cheese <sup>3</sup>		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ala									
Ariz									
Ark				8,264	8,758		13,053	15,543	16,720
Calif	156,942	138,935	146,967	12,366	15,372	23,533	125,777	136,956	151,802
Colo	4,531	5,901	4,866						
Conn							4,607	6,502	6,224
Del									
Fla									
Ga									
Idaho	9,408	7,214	7,516	62,904	67,981	72,076	87,789	92,811	97,999
Ill	9,777	3,709	3,495	12,395	6,688	5,858	91,201	90,213	96,968
Ind	12,259	12,263	10,476	28,426	28,418	37,539	31,790	31,245	37,539
Iowa	49,767	35,268	22,161	95,137	91,301	95,438	174,854	178,951	190,265
Kans	16,154	13,103	11,862	26,448	23,683	20,675	28,150	25,616	23,391
Ky	14,302	13,873		49,121	44,441	43,799	69,600	67,218	64,920
La									
Maine									
Md									
Mass							5,786	7,780	6,255
Mich	34,791	28,455	31,837	19,046	20,796	20,310	32,831	32,347	31,088
Minn	198,635	170,575	154,872	344,573	381,597	419,304	410,623	451,569	479,952
Miss				10,277	9,609	8,432	10,425	9,789	8,636
Mo	21,589	21,921	22,260	49,588	49,921	46,595	72,671	85,297	92,250
Mont	2,019	1,947	1,796	2,467					
Nebr	15,974			30,841	29,448	19,049	57,445	59,245	69,744
Nev									
N.H									
N.J							15,492	21,788	25,569
N. Mex									
N.Y	37,253	35,231	35,851	78,907	81,766	87,523	260,327	282,927	304,480
N.C									
N. Dak	6,590	6,099	6,496	53,443	49,776	44,952	53,443	49,776	44,952
Ohio	36,225	29,935	25,828	27,774	29,880	32,913	77,948	87,848	95,147
Okl	20,316	24,022	18,807						
Oreg	14,045	14,280	13,805	26,670	27,310	31,634	26,762	27,439	31,887
Pa	32,092	38,412	48,814	36,233	35,406		93,706	95,617	93,908
R.I									
S.C									
S. Dak	10,671	10,188	11,196	41,822	42,727	48,706	65,861	63,604	70,110
Tenn	21,263	20,675	21,697	20,509	18,892	20,279	38,756	30,390	30,492
Tex	2,667						17,751	12,177	
Utah	5,507	4,654	4,889	43,140	40,315	41,326	62,330	60,464	62,828
Vt	6,034	5,018	4,372	17,485	22,845	22,306	57,290	67,388	71,226
Va					5,234	5,497		5,234	5,497
Wash	31,358	29,751	34,010		23,938	31,273	33,562	40,836	46,274
W. Va									
Wis	256,504	249,822	255,900	869,291	877,226	926,301	1,278,890	1,332,005	1,400,829
Wyo									
U.S. <sup>4</sup>	1,085,595	994,290	984,604	2,043,063	2,074,202	2,187,703	3,358,535	3,519,684	3,715,290

See footnotes at end of table.

Table 546.—Dairy products: Factory production of specified items, by States, 1977-79—Continued

State	Evaporated and sweetened condensed whole milk (case goods) <sup>1</sup>			Nonfat dry milk			Total ice cream		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Ala.....							12,479	12,315	12,464
Ariz.....							7,188	6,454	6,208
Ark.....							4,656	4,714	4,801
Calif.....				179,865	156,897	138,446	85,370	88,230	89,111
Colo.....							8,654	8,728	9,066
Conn.....							15,181	18,662	22,362
Del.....									
Fla.....							29,848	31,149	32,553
Ga.....							6,186	5,849	5,976
Idaho.....				12,611	7,523		3,234	3,257	3,216
Ill.....							42,004	39,956	38,288
Ind.....							27,087	26,624	24,312
Iowa.....				101,847	77,512	70,181	10,074	11,376	13,491
Kans.....							7,325	5,969	6,340
Ky.....							5,275	5,192	
La.....							10,829	9,167	8,326
Maine.....							5,381	4,202	625
Md.....							18,745	20,424	20,066
Mass.....							45,255	42,909	42,468
Mich.....				49,274	48,469	54,777	34,692	34,909	33,068
Minn.....				228,576	174,993	150,596	80,906	81,879	82,523
Miss.....							5,025	4,222	4,747
Mo.....							18,256	17,940	17,902
Mont.....							1,575	1,781	1,794
Nebr.....							10,072	10,156	10,299
Nev.....							1,223	1,162	1,088
N.H.....							1,047	1,098	1,081
N.J.....							11,652	5,837	5,747
N. Mex.....									3,151
N.Y.....				52,044	44,303	42,152	59,542	61,234	61,908
N.C.....							26,563	26,341	26,922
N. Dak.....				6,167	4,983		2,568	2,432	2,379
Ohio.....	136,659	133,341	141,907	37,413	34,189	28,686	48,303	49,035	46,590
Okl.....				10,348	10,594		8,492	8,893	8,716
Oreg.....							7,386	7,952	8,594
Pa.....				23,100	18,959	20,949	68,338	71,551	73,746
R.I.....							1,474	1,466	1,401
S.C.....							14,726	14,872	10,877
S. Dak.....				45,256	36,156	34,786	124	109	80
Tenn.....				13,571			18,008	19,417	18,371
Tex.....							36,705	37,435	38,751
Utah.....							6,681	7,322	7,878
Vt.....							158	201	272
Va.....							8,156	8,175	7,822
Wash.....							17,110	16,257	17,139
W. Va.....							2,584	2,520	2,252
Wis.....				140,573	110,283	98,086	17,842	18,585	18,064
Wyo.....									
U.S. <sup>4</sup> .....	818,927	737,866	796,076	1,106,619	920,422	908,713	809,849	815,360	811,079

<sup>1</sup> Preliminary.<sup>2</sup> Includes colby, washed curd, high and low moisture jack, Monterey, and granular cheese.<sup>3</sup> Includes full-skim American cheese; excludes cottage cheese.<sup>4</sup> Includes data for individual States which have less than 3 plants and are not shown separately.<sup>5</sup> Combined to avoid disclosure of individual operations.

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Table 547.—Dairy products: Quantities manufactured, United States, 1972-79

Product	1972	1973	1974	1975	1976	1977	1978	1979 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Creamery butter .....	1,101,910	918,618	961,724	983,791	978,631	1,085,595	994,290	984,604
American cheese:								
Whole milk .....	1,644,287	1,672,515	1,858,602	1,654,580	2,048,828	2,043,063	2,074,202	2,187,703
Part skim .....	8,137	5,117	3,703	5,368	4,951	4,110	4,866	4,395
Swiss cheese								
(including block) .....	177,773	164,221	175,345	173,758	196,327	189,259	209,362	213,283
Munster cheese .....	45,696	45,687	48,640	52,090	55,326	55,419	59,313	63,611
Brick cheese .....	21,771	23,119	23,545	19,593	19,252	15,887	16,883	14,401
Limburger cheese .....	2,531	2,586	2,436	1,902	1,876	1,723	1,606	1,562
Cream and Neufchatel								
cheese .....	133,258	139,664	150,258	160,298	168,020	176,421	198,255	212,292
Blue cheese .....	28,549	29,759	28,262	28,506	33,885	34,776	35,347	34,628
All Italian varieties								
of cheese .....	512,143	565,270	606,096	671,860	747,405	793,489	875,656	929,090
All other varieties								
of cheese <sup>2</sup> .....	30,460	37,412	40,483	43,452	44,376	44,388	44,194	54,325
Total of all cheese <sup>2</sup> .....	2,604,605	2,685,350	2,937,370	2,811,407	3,320,246	3,358,535	3,519,684	3,715,290
Cottage cheese:								
Curd <sup>3</sup> .....	784,204	763,016	689,660	700,975	711,141	684,481	688,399	664,007
Creamed <sup>4</sup> .....	1,012,681	958,203	855,682	861,669	874,605	877,978	870,529	837,771
Lowfat <sup>5</sup> .....	102,411	128,019	121,941	129,316	135,364	139,007	153,139	156,590
Sweetened condensed milk:								
Bulk goods:								
Skimmed .....	60,063	70,636	44,137	32,156	51,939	63,738	44,634	46,527
Unskimmed .....	77,060	76,999	69,387	76,270	89,207	78,240	80,678	81,283
Unsweetened condensed								
milk (plain, condensed):								
Bulk goods:								
Skimmed .....	901,785	808,103	670,266	718,542	720,988	782,555	717,209	686,893
Unskimmed .....	174,698	159,360	180,120	214,389	181,421	166,113	144,742	155,684
Evaporated and condensed								
milk:								
Case goods:								
Skimmed .....	18,632	15,276	17,413	10,673	9,929	8,097	10,407	14,175
Unskimmed .....	1,183,298	1,102,183	1,035,209	926,923	932,123	818,927	787,866	796,076
Condensed or evaporated								
buttermilk .....	17,181	11,385	16,425	24,884	22,907	30,344	39,500	40,889
Dry buttermilk .....	49,511	43,275	45,280	42,834	46,279	53,231	47,613	44,671
Dry whole milk .....	75,246	77,965	67,721	63,086	78,088	69,379	74,617	85,320
Nonfat dry milk .....	1,223,456	916,570	1,019,916	1,011,454	926,183	1,106,619	920,422	908,713
Dry skim milk (animal								
feed) .....	12,853	9,752	5,623	7,934	5,915	7,884	6,488	6,129
Dry cream .....	1,559	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Dry whey .....	762,020	772,440	851,351	595,590	661,761	627,803	711,490	732,941
Malted milk powder .....	( <sup>6</sup> )							
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Ice cream .....	767,750	773,674	781,971	836,552	818,241	809,849	815,360	811,079
Sherbet (does not include								
water ices) .....	50,017	53,231	49,932	48,542	49,589	49,783	48,034	45,056
Ice milk <sup>6</sup> .....	290,806	291,698	296,100	298,789	286,176	307,949	310,063	296,808

<sup>1</sup> Preliminary.<sup>2</sup> Includes full-skim American cheese beginning 1974.<sup>3</sup> Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat. Lowfat cottage cheese contains less than 4 percent milkfat and has not been legal in interstate commerce, but, beginning 1972, is legal under Federal standards if its content of milkfat is not less than 0.5 percent and not more than 2.0 percent by weight.<sup>4</sup> Less than 3 plants reporting.<sup>5</sup> Discontinued, beginning 1972.<sup>6</sup> Includes freezer-made milkshake in most States.

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Table 548.—Mellorine-type frozen desserts: Production by States, United States totals, 1965-79

Year	Ala- bama	Ari- zona	Ar- kansas	Cali- fornia	Illinoi- s	Louisi- ana	Mis- souri	Mon- tana	Okla- homa	Ore- gon	South Caro- lina	Texas	United States <sup>1</sup>
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1965	192	1,075	1,302	15,619	1,957	1,501	2,569	313	2,698	1,002	.....	24,192	53,169
1966	160	1,032	1,569	15,550	1,838	1,395	2,144	339	2,622	850	.....	23,257	51,555
1967	139	1,194	1,714	16,099	2,089	1,331	1,952	382	2,778	999	.....	23,692	53,683
1968	147	1,055	1,355	15,509	3,401	1,351	2,205	503	2,629	1,013	.....	23,526	55,829
1969	120	1,022	1,454	14,347	3,961	1,214	2,968	491	2,664	976	.....	23,176	55,566
1970	55	870	1,370	13,076	4,150	984	2,318	.....	1,940	1,055	.....	22,793	51,878
1971	.....	671	1,264	11,668	3,947	572	2,060	.....	1,829	1,137	.....	21,994	48,378
1972	.....	574	1,050	10,971	3,790	511	1,899	.....	1,719	927	.....	20,660	45,447
1973	.....	527	903	9,759	3,226	345	1,522	.....	1,380	766	.....	18,813	39,775
1974	.....	526	922	8,295	1,915	336	1,377	.....	1,198	532	.....	17,008	34,605
1975	.....	546	713	6,747	1,402	217	993	.....	1,037	532	.....	15,833	30,038
1976	.....	437	656	5,253	1,140	112	889	.....	637	402	.....	11,507	23,284
1977	.....	393	571	4,077	1,004	116	752	.....	536	235	.....	9,100	18,795
1978	.....	.....	468	3,421	954	32	527	.....	456	261	.....	7,949	16,264
1979 <sup>2</sup>	.....	.....	413	2,725	1,070	.....	519	58	375	230	.....	6,913	15,572

<sup>1</sup> Includes several minor producing States which are not shown separately.<sup>2</sup> Preliminary.

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Table 549.—Dairy products: Manufacturers' average selling price of specified products, United States, 1965-79

Year	Unsweetened evapo- rated milk, per case of 48 14½-ounce cans, f.o.b. factory	Nonfat dry milk for human food, per pound, f.o.b. factory	Dry skim milk for animal feed, per pound, f.o.b. factory	Dry whole milk, per pound, f.o.b. factory ( <sup>1</sup> )
	Dollars	Cents	Cents	Cents
1965	6.09	14.66	11.72	34.00
1966	6.73	18.19	14.47	39.90
1967	7.05	19.92	15.01	40.63
1968	7.26	22.36	17.01	43.60
1969	7.50	23.50	16.75	43.82
1970	7.98	26.30	16.30	45.76
1971	6.95-9.24	30.72	20.67	46.47
1972	7.52-9.31	32.70	25.41	48.36
1973	8.10-9.26	45.79	34.51	57.95
1974	10.18-12.75	58.37	37.74	66.08
1975	10.98-14.15	62.13	37.93	71.30
1976	11.88-14.77	63.30	34.60	79.24
1977	12.05-15.62	66.65	32.02	80.69
1978	( <sup>2</sup> )	71.01	33.14	89.63
1979	( <sup>2</sup> )	79.94	35.63	101.58

<sup>1</sup> Includes milk sold in bulk and in package.<sup>2</sup> Estimate discontinued.

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Table 550.—Dairy products: Manufacturers' stocks, end of month, United States, 1978 and 1979

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
	1978	1979	1978	1979	1978	1979
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	59,742	65,963	5,945	4,869	61,331	36,962
February .....	52,859	56,360	5,394	4,562	55,374	40,797
March .....	52,066	49,569	6,120	4,257	49,791	50,534
April .....	57,379	68,330	7,267	5,762	79,251	84,449
May .....	79,428	90,316	8,414	7,120	87,228	110,136
June .....	101,401	117,060	9,494	8,572	94,995	128,341
July .....	120,189	134,636	9,448	8,202	94,853	123,207
August .....	134,380	131,670	9,307	7,164	73,888	110,228
September .....	135,372	129,245	7,398	6,077	63,621	96,007
October .....	113,826	118,773	5,319	4,908	52,165	92,871
November .....	84,383	88,441	3,721	4,910	36,566	84,386
December .....	70,232	76,688	4,383	4,312	40,135	92,563

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Table 551.—Dairy products: Cold-storage holdings, first of month, United States, 1978 and 1979

Month	Creamery butter		American cheese		Swiss cheese		Total natural cheese <sup>1</sup>	
	1978	1979	1978	1979	1978	1979	1978	1979
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January .....	195,713	206,653	395,246	361,444	8,136	12,420	459,564	445,142
February .....	215,947	214,840	377,506	367,287	8,923	13,618	442,035	453,657
March .....	235,768	210,073	364,742	362,980	9,630	12,067	430,047	448,564
April .....	246,189	218,212	379,188	377,599	9,981	12,648	447,122	462,162
May .....	264,634	239,657	393,274	416,883	11,425	12,923	462,541	504,342
June .....	282,020	260,104	423,410	431,949	12,735	13,707	500,188	529,280
July .....	297,665	258,279	422,964	461,581	12,869	15,149	498,511	562,391
August .....	284,603	239,102	416,830	460,139	12,787	15,074	489,716	558,735
September .....	266,669	220,449	397,202	456,778	13,671	13,536	476,629	551,170
October .....	251,848	200,481	379,562	436,436	11,651	13,892	455,161	536,457
November .....	228,855	182,118	357,045	424,228	11,144	13,523	430,961	528,215
December .....	206,930	177,760	357,938	406,489	12,290	14,295	436,372	512,126

<sup>1</sup>Includes American, Swiss, and other types of natural cheese.

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Table 552.—Dairy products: Dec. 31 stocks, United States, 1965–79

Year	Butter <sup>1</sup>	Cheese <sup>1,2</sup>	Evaporated milk (case goods) <sup>3</sup>	Condensed milk (case goods) <sup>4</sup>	Dry whole milk	Nonfat dry milk for human consumption <sup>1</sup>	Cream (milk equivalent)
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Million pounds</i>
1965 .....	52,096	308,562	134,755	5,924	5,000	154,402	83
1966 .....	52,298	372,668	192,874	11,578	6,932	118,225	138
1967 .....	168,613	429,289	190,246	5,780	6,116	256,208	96
1968 .....	117,355	404,984	104,769	2,122	7,563	277,763	72
1969 .....	88,636	317,566	<sup>5</sup> 149,739		6,576	221,700	93
1970 .....	118,772	324,500	115,823		4,706	137,915	
1971 .....	96,547	307,142	88,815		4,025	89,531	
1972 .....	107,470	331,444	80,480		3,351	44,857	
1973 .....	46,379	357,808	69,217		5,377	74,585	
1974 .....	49,227	499,973	79,199		6,419	293,203	
1975 .....	10,856	368,579	58,617		5,636	468,943	
1976 .....	47,058	478,465	70,677		9,085	485,396	
1977 .....	154,907	486,031	75,164		5,972	677,886	
1978 .....	206,930	457,261	70,300		4,383	585,091	
1979 <sup>6</sup> .....	177,760	512,221	76,965		4,312	485,242	

<sup>1</sup> Includes Government holdings.<sup>2</sup> Excludes cottage and full-skim American cheese. Beginning 1967, includes process American cheese held by CCC.<sup>3</sup> Beginning 1968, includes stock held by CCC.<sup>4</sup> Sweetened condensed milk, unskimmed.<sup>5</sup> Total canned milk; data no longer shown separately.<sup>6</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 553.—Fluid milk and cream: Total disappearance, and total and per capita civilian consumption, United States, 1965–79<sup>1</sup>

Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption	
		Total	Per capita			Total	Per capita			Total	Per capita
	<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>		<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>		<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>
1965 .....	58.8	57.8	302	1970 .....	54.2	53.1	264	1975 .....	52.6	52.0	246
1966 .....	58.4	57.4	297	1971 .....	54.0	53.0	260	1976 .....	52.9	52.3	246
1967 .....	56.9	55.7	285	1972 .....	55.2	54.3	263	1977 .....	52.7	52.1	243
1968 .....	56.3	55.1	280	1973 .....	54.2	53.4	257	1978 .....	52.4	51.8	239
1969 .....	55.2	54.0	272	1974 .....	52.2	51.5	246	1979 <sup>2</sup> .....	52.5	51.9	237

<sup>1</sup> Milk equivalent of fluid items—whole milk, low-fat fluid items, and cream—at the average annual fat test of milk produced. Civilian consumption is total consumption less military takings. Per capita consumption is based on the number of persons eating from civilian supplies.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.



Table 554.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1965-79<sup>1</sup>

Year	Butter <sup>2</sup>			Cheese <sup>3</sup>			Condensed and evaporated milk <sup>4</sup>		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1965 .....	1,367	1,232	6.4	1,864	1,826	9.6	2,231	2,040	10.6
1966 .....	1,150	1,098	5.7	1,925	1,889	9.8	2,136	1,882	9.7
1967 .....	1,104	1,076	5.5	2,014	1,969	10.1	1,900	1,757	9.0
1968 .....	1,228	1,115	5.7	2,133	2,083	10.6	1,899	1,745	8.9
1969 .....	1,156	1,079	5.4	2,222	2,182	10.9	1,736	1,565	7.9
1970 .....	1,115	1,061	5.3	2,355	2,317	11.5	1,551	1,432	7.1
1971 .....	1,171	1,040	5.1	2,527	2,486	12.2	1,522	1,393	6.8
1972 .....	1,094	1,017	4.9	2,759	2,719	13.2	1,445	1,313	6.4
1973 .....	1,025	999	4.8	2,888	2,849	13.7	1,353	1,248	6.0
1974 .....	972	956	4.6	3,117	3,071	14.6	1,278	1,175	5.6
1975 .....	1,024	1,012	4.8	3,115	3,072	14.5	1,239	1,118	5.3
1976 .....	945	934	4.4	3,417	3,375	15.8	1,192	1,067	5.0
1977 .....	950	941	4.4	3,560	3,513	16.4	1,060	963	4.5
1978 .....	974	966	4.5	3,791	3,736	17.2	1,019	899	4.2
1979 <sup>5</sup> .....	1,018	1,010	4.6	3,901	3,843	17.6	1,061	945	4.3

  

Year	Ice cream (product weight)			Dry whole milk			Nonfat dry milk (human food)		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1965 .....	3,634	3,544	18.5	91	59	0.31	2,010	1,069	5.6
1966 .....	3,606	3,511	18.2	92	64	.33	1,619	1,132	5.9
1967 .....	3,578	3,483	17.8	75	51	.26	1,541	1,085	5.6
1968 .....	3,711	3,616	18.4	78	46	.23	1,575	1,140	5.8
1969 .....	3,674	3,579	18.0	71	44	.22	1,510	1,148	5.8
1970 .....	3,656	3,561	17.7	71	43	.21	1,530	1,079	5.4
1971 .....	3,676	3,581	17.5	73	32	.16	1,458	1,083	5.3
1972 .....	3,685	3,600	17.4	76	24	.12	1,270	955	4.6
1973 .....	3,714	3,634	17.5	76	21	.10	1,154	1,113	5.3
1974 .....	3,753	3,679	17.5	67	15	.07	916	884	4.2
1975 .....	4,015	3,945	18.7	63	16	.08	828	703	3.3
1976 .....	3,928	3,858	18.1	75	33	.15	911	764	3.6
1977 .....	3,887	3,817	17.8	72	34	.16	917	729	3.2
1978 .....	3,919	3,842	17.7	77	56	.26	1,015	683	3.2
1979 <sup>5</sup> .....	3,926	3,856	17.6	84	65	.30	1,008	723	3.5

<sup>1</sup> Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter. The total apparent civilian consumption was obtained by subtracting ending stocks, shipments, exports, and military takings from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the number of persons eating out of civilian supplies.

<sup>2</sup> Includes both farm and factory-made butter.

<sup>3</sup> Includes all kinds of cheese except cottage and full-skim American.

<sup>4</sup> The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened (plain condensed), unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 555.—Dairy products: Average price per pound for specified products, 1967 and 1976-79

Item and market	1967	1976	1977	1978	1979
Butter, bulk, wholesale selling prices, New York:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Grade AA (93-score) .....	0.6765	0.9635	1.0251	1.1558	1.2910
Grade A (92-score) .....	.6748	.9440	1.0152	1.1407	1.2717
Butter, bulk, wholesale selling prices, Chicago:					
Grade AA (93-score) .....	.6671	.9826	.9865	1.1058	1.2374
Grade A (92-score) .....	.6668	.9203	.9842	1.0976	1.2243
Butter, one-pound prints, wholesale selling prices, California cities:					
Grades AA and A (93-score and 92-score) .....	.7898	1.1000	1.1366	1.2666	1.4327
Butter, spot cash call prices, <sup>1</sup> Chicago Mercantile Exchange:					
Grade AA (93-score) .....	High .6875	1.0700	1.0275	1.2350	1.3200
	Low .6575	.8000	.8975	.9900	1.1000
Grade A (92-score) .....	High .6850	1.0700	1.0150	1.2100	1.2900
	Low .6575	.7950	.8975	.9900	1.0900
Chesse, cheddar, f.o.b. Wisconsin Assembling Points:					
Barrels .....		.9084	.9132	1.0225	1.1543
40-pound blocks .....	.4522	.9630	.9683	1.0708	1.2377
Cheese, prices <sup>1</sup> National Cheese Exchange, Inc.: <sup>2</sup>					
Cheddar, barrels .....	High .4200	.9800	.9400	1.0950	1.2225
	Low .4025	.8025	.8175	.9150	1.0400
Cheddar, 40-pound blocks .....	High .4400	1.0300	.9750	1.1300	1.2500
	Low .4225	.8300	.8925	.9700	1.1200
Swiss, Grade A .....	High .5050	1.2850	1.2900	1.4550	1.5350
	Low .4850	1.1400	1.2050	1.2900	1.4550
Nonfat dry milk, f.o.b. plant, Central States Production Area:					
Extra Grade <sup>3</sup> .....	4.2075	.6278	.6660	.7181	.8024
Grade A .....		.6470	.6768	.7288	.8181
Whey powder, f.o.b. plant, Central States Production Area:					
Edible (nonhygroscopic) .....		.0684	.1213	.1403	.1084
Used for animal feed (spray process) .....		.0614	.1106	.1250	.0929

<sup>1</sup>Prices represent high and low for the year.<sup>2</sup>Green Bay, Wisconsin.<sup>3</sup>Average for high and low heat processing.<sup>4</sup>Includes Grade A.

Agricultural Marketing Service.

Table 556.—Butter: Production in specified countries, 1977-79

Continent and country	1977	1978	1979 <sup>1</sup>	Continent and country	1977	1978	1979 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons (<sup>2</sup>)</i>	<i>1,000 metric tons (<sup>2</sup>)</i>	<i>1,000 metric tons (<sup>2</sup>)</i>
North America:				Europe—Continued			
Canada .....	113	102	98	Bulgaria .....	121	119	113
Mexico .....	8	8	8	Czechoslovakia .....	273	281	279
United States .....	493	451	447	German Dem. Rep. ....	26	29	28
Total .....	614	561	553	Hungary .....	293	293	285
South America:				Romania .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Argentina .....	30	29	29	Yugoslavia .....	19	18	19
Brazil .....	69	90	90	Total Eastern Europe .....	732	740	724
Chile .....	5	4	4	Total Europe .....	2,798	2,943	2,956
Peru .....	6	5	5	Soviet Union .....	1,500	1,472	1,450
Venezuela .....	9	9	12				
Total .....	119	137	140	Africa:			
Europe:				South Africa .....	21	16	17
Belgium and Luxembourg .....	92	106	105	Asia:			
Denmark .....	131	140	134	India .....	457	460	465
France .....	551	565	585	Japan .....	54	62	70
Germany, Fed. Rep. of .....	535	564	570	Total .....	511	522	535
Ireland .....	105	119	122	Oceania:			
Italy .....	72	77	82	Australia <sup>3</sup> .....	118	112	105
Netherlands .....	179	211	203	New Zealand <sup>4</sup> .....	263	229	260
United Kingdom .....	134	162	160	Total .....	381	341	365
Total EC .....	1,799	1,944	1,961	Grand total .....	5,944	5,992	6,016
Austria .....	47	42	40				
Finland .....	74	72	75				
Greece .....	7	7	7				
Norway .....	24	20	21				
Portugal .....	2	3	3				
Spain .....	18	19	22				
Sweden .....	61	63	65				
Switzerland .....	34	33	38				
Total Western Europe .....	2,066	2,203	2,232				

<sup>1</sup> Preliminary.<sup>2</sup> Not available.<sup>3</sup> Year ending June 30.<sup>4</sup> Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 557.—Cheese: Production in specified countries, 1977-79

Continent and country	1977	1978	1979 <sup>1</sup>	Continent and country	1977	1978	1979 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Continued			
Canada .....	133	140	158	Czechoslovakia .....	84	98	95
Mexico .....	115	117	120	German Dem. Rep. ....	200	206	208
United States .....	1,523	1,596	1,696	Hungary .....	30	34	37
Total .....	1,771	1,856	1,974	Poland .....	345	357	350
				Yugoslavia .....	134	140	144
South America:				Total Eastern Europe .....	793	835	834
Argentina .....	236	245	239				
Brazil .....	205	220	230	Total Europe .....	4,643	4,831	4,963
Chile .....	14	12	13				
Peru .....	31	28	25	Soviet Union .....	655	691	720
Venezuela .....	27	28	29				
Total .....	513	533	536	Africa:			
				South Africa .....	29	28	30
Europe:							
Belgium and Luxembourg .....	47	45	43	Asia and Oceania:			
Denmark .....	172	177	182	Japan .....	9	9	9
France .....	1,023	1,055	1,090	Australia <sup>2</sup> .....	104	116	141
Germany, Fed. Rep. of .....	691	713	730	New Zealand <sup>3</sup> .....	81	78	90
Ireland .....	54	50	58				
Italy .....	553	583	590	Total .....	194	203	240
Netherlands .....	412	420	435				
United Kingdom .....	206	216	240	Grand total .....	7,805	8,142	8,463
Total EC .....	3,158	3,259	3,368				
Austria .....	66	70	70				
Finland .....	60	66	70				
Greece .....	156	155	165				
Norway .....	60	65	67				
Portugal .....	28	31	32				
Spain .....	120	137	140				
Sweden .....	87	94	96				
Switzerland .....	115	119	121				
Total Western Europe .....	3,850	3,996	4,129				

<sup>1</sup> Preliminary.    <sup>2</sup> Year ending June 30.    <sup>3</sup> Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 558.—Dairy products: United States imports by type of product, 1965-79

Year	Dried milk <sup>1</sup>	Cheese				Butter	Casein
		Swiss <sup>2</sup>	Cheddar <sup>3</sup>	Other	Total		
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1965 .....	625	7,136	7,261	21,578	35,975	339	41,635
1966 .....	1,289	10,829	22,757	27,848	61,434	303	48,946
1967 .....	421	10,973	27,305	30,569	68,847	307	45,210
1968 .....	814	26,685	7,122	43,418	77,225	335	52,205
1969 .....	871	14,858	7,092	43,414	65,364	308	52,666
1970 .....	799	18,281	5,172	49,547	73,000	339	61,366
1971 .....	973	16,292	4,466	40,898	61,656	285	48,054
1972 .....	727	20,996	4,674	55,679	81,349	324	47,810
1973 .....	120,913	29,593	9,602	65,028	104,223	19,880	51,178
1974 .....	52,200	35,892	48,635	58,637	143,164	5,252	51,206
1975 .....	1,121	26,717	4,834	49,862	81,413	239	26,510
1976 .....	824	34,639	3,649	55,714	94,002	255	50,867
1977 .....	831	33,978	4,246	56,760	94,984	337	65,429
1978 .....	1,120	42,010	4,880	62,988	110,998	334	62,204
1979 <sup>4</sup> .....	989	42,625	4,653	65,364	113,631	357	68,415

<sup>1</sup> Includes whole and skimmed milk.    <sup>2</sup> Includes Emmentaler with eye-formation and Gruyere process cheese.    <sup>3</sup> Beginning 1964, includes colby cheese.    <sup>4</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 559.—Dairy products: United States imports by country of origin, 1977-79

Commodity and country of origin	1977	1978	1979 <sup>1</sup>	Commodity and country of origin	1977	1978	1979 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Butter:				Cheese, Swiss: <sup>3</sup>			
Argentina .....	133	46	7	Austria .....	7,408	9,835	9,275
Denmark .....	18	19	23	Denmark .....	1,605	2,040	2,745
Sweden .....	.....	25	14	Finland .....	10,185	12,189	10,041
New Zealand .....	149	236	161	France .....	568	612	830
Other countries .....	37	8	152	Germany, Fed. Rep. of .....	1,533	1,864	1,776
Total .....	337	334	357	Iceland .....	109	617	1,095
Cheese, all types:				Netherlands .....	131	451	173
Canada .....	1,062	1,286	1,783	Norway .....	7,105	8,183	8,351
Argentina .....	386	84	57	Switzerland .....	4,495	5,180	4,294
Austria .....	832	1,253	1,679	Other countries .....	811	1,039	4,045
Belgium and Luxembourg .....	18	7	20	Total .....	33,950	42,010	42,625
Denmark .....	8,022	7,449	7,457	Milk, nonfat dry milk:			
Finland .....	699	564	1,529	Canada .....	318	516	726
France .....	3,980	4,429	4,872	Australia .....	510	600	259
Germany, Fed. Rep. of .....	429	476	646	New Zealand .....	.....	3	3
Mexico .....	6	6	206	Other countries .....	3	1	1
Iceland .....	554	976	1,675	Total .....	831	1,120	989
Ireland .....	63	55	238	Casein:			
Italy .....	220	232	201	Canada .....	10	6	61
Netherlands .....	130	204	601	Argentina .....	3,164	1,365	663
Norway .....	396	515	340	Uruguay .....	280	.....	.....
Portugal .....	156	193	155	Denmark .....	.....	.....	13
Sweden .....	1,192	1,227	1,785	France .....	44	25	802
Switzerland .....	1,349	1,598	1,237	Germany, Fed. Rep. of .....	197	86	90
United Kingdom .....	260	392	739	Ireland .....	1,985	4,101	6,043
Israel .....	587	552	893	Norway .....	403	914	773
Czechoslovakia .....	210	222	270	United Kingdom .....	579	1,169	878
Hungary .....	36	49	128	Poland .....	1,951	1,954	931
Poland .....	1,094	1,292	1,196	Soviet Union .....	1,957	2,039	2,175
Dominican Republic .....	71	119	107	Australia .....	8,823	8,712	7,709
Azores .....	87	78	135	New Zealand .....	39,226	32,790	35,480
Australia .....	2,616	3,029	4,535	Other countries .....	121	29	259
New Zealand .....	13,043	14,145	13,855	Total .....	58,690	53,190	55,877
Other countries .....	593	212	157				
Total .....	38,091	40,644	46,496				
Cheese, cheddar: <sup>2</sup>							
Canada .....	327	334	289				
Austria .....	11	76	135				
Ireland .....	34	10	.....				
Netherlands .....	26	3	.....				
United Kingdom .....	16	44	41				
Australia .....	1,033	1,303	926				
New Zealand .....	2,789	3,102	3,260				
Other countries .....	.....	8	2				
Total .....	4,235	4,880	4,653				

<sup>1</sup> Preliminary.<sup>2</sup> Includes colby cheese.<sup>3</sup> Includes Emmentaler with eye-formation and Gruyere process cheese.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 560.—Dairy products: Exports by principal exporting countries, 1976-78

Commodity and country of destination	1976	1977	1978 <sup>1</sup>	Commodity and country of destination	1976	1977	1978 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Butter:				Condensed milk:			
Belgium and Luxembourg .....	58,000	74,000	94,000	United States <sup>3</sup> .....	2,141	2,408	1,819
Denmark .....	92,000	90,000	89,000	Denmark <sup>4</sup> .....	2,676	1,099	1,476
France .....	77,000	147,000	81,000	France .....	42,435	42,139	27,921
Germany, Fed. Rep. of .....	110,000	136,000	124,000	Netherlands .....	71,872	95,216	67,660
Ireland .....	66,000	51,000	72,000	Switzerland .....	2,391	4,117	3,775
Netherlands .....	193,000	169,000	191,000	United Kingdom .....	120	1,101	1,738
Soviet Union .....	17,000	18,000	18,000	Australia <sup>2</sup> .....	2,175	2,350	2,726
Australia <sup>2</sup> .....	76,000	34,000	34,000	Total .....	123,810	148,430	107,115
New Zealand <sup>2</sup> .....	207,000	213,000	177,000				
Total .....	896,000	932,000	880,000	Milk, dried whole:			
				United States <sup>3</sup> .....	14,098	10,579	5,877
Cheese:				Belgium and Luxembourg .....	35,073	43,881	32,075
Denmark .....	114,000	123,000	132,000	Denmark .....	50,514	64,968	69,191
Finland .....	30,000	33,000	36,000	Finland .....	26,601	29,100	0
France .....	175,000	186,000	198,000	France .....	64,188	83,926	97,649
Germany, Fed. Rep. of .....	128,000	150,000	164,000	Ireland .....	12,520	28,514	32,349
Ireland .....	56,000	38,000	42,000	Netherlands .....	123,061	141,613	138,828
Italy .....	27,000	25,000	24,000	United Kingdom .....	11,526	15,231	26,210
Netherlands .....	248,000	255,000	249,000	Australia <sup>2</sup> .....	23,966	37,500	15,246
Switzerland .....	55,000	63,000	57,000	Total .....	357,547	455,262	417,425
Australia <sup>2</sup> .....	32,000	53,000	44,000				
New Zealand <sup>2</sup> .....	81,000	79,000	70,000	Milk, nonfat dry milk:			
Total .....	946,000	1,005,000	1,016,000	Canada .....	98,000	166,000	123,000
Evaporated milk:				United States <sup>3</sup> .....	61,000	74,000	125,000
United States <sup>3</sup> .....	20,185	13,057	14,967	Belgium and Luxembourg .....	40,000	71,000	91,000
Belgium and Luxembourg .....	781	790	2,005	Denmark .....	30,000	21,000	34,000
France .....	15,506	26,847	25,570	France .....	179,000	316,000	166,000
Netherlands .....	298,274	311,362	312,784	Germany, Fed. Rep. of .....	115,000	250,000	489,000
United Kingdom .....	29,442	46,673	40,196	Ireland .....	142,000	161,000	145,000
Australia <sup>2</sup> .....	5,820	6,050	5,166	Netherlands .....	150,000	72,000	166,000
Total .....	370,108	404,779	400,688	United Kingdom .....	140,000	60,000	112,000
				Australia <sup>2</sup> .....	95,000	110,000	36,000
				New Zealand <sup>2</sup> .....	122,000	296,000	220,000
				Total .....	1,172,000	1,597,000	1,707,000

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.<sup>3</sup> Excludes exports for relief and charity.<sup>4</sup> Includes evaporated and other canned milk.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 561.—Dairy products: United States exports<sup>1</sup> by country of destination, 1977-79

Commodity and country of destination	1977	1978	1979 <sup>2</sup>	Commodity and country of destination	1977	1978	1979 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Butter:				Cheese, all types—Con.			
Bahamas .....	60	43	62	Canada .....	1,675	1,306	1,576
Canada .....	32	13	11	Haiti .....	62	65	86
Jamaica .....	.....	1	2	Jamaica .....	46	40	18
Mexico .....	33	57	46	Mexico .....	134	261	253
Trust Territory of the Pacific Islands .....	2	97	178	Netherlands Antilles .....	143	193	170
Other countries .....	145	59	125	Panama .....	624	376	341
Total .....	272	270	424	Trinidad and Tobago .....	34	104	57
				Venezuela .....	224	188	361
Cheese, all types:				Greece .....	21	24	17
Bahamas .....	264	365	244	United Kingdom .....	.....	2	12
Bermuda .....	139	166	180	Liberia .....	18	19	33
				South Africa .....	1	3	10
				Japan .....	489	726	1,009

See footnotes at end of table.

Table 561.—Dairy products: United States exports<sup>1</sup> by country of destination, 1977–79—Continued

Commodity and country of destination	1977	1978	1979 <sup>2</sup>	Commodity and country of destination	1977	1978	1979 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cheese, all types—Con.				Milk, nonfat dry—Con.			
Hong Kong .....	71	115	137	Mexico .....	69	17,858	13,496
Saudi Arabia .....	103	105	213	Bolivia .....		313	110
Singapore .....	36	47	52	Brazil .....	417	177	232
Other countries .....	571	670	636	Colombia .....		177	3
Total .....	4,660	4,775	5,405	Paraguay .....		111	256
Evaporated milk:				Peru .....	456	2,738	1,097
Bahamas .....	122	75	86	Venezuela .....	32	36	
Jamaica .....				Netherlands .....	13		844
Mexico .....	11,327	12,918	14,735	Switzerland .....	9		
Panama .....	9	3	2	United Kingdom .....		6	2
Colombia .....	13	68	18	Algeria .....	1,347	403	
Spain .....	13	29	49	Egypt .....	69	337	
Trust Territory of the Pacific Islands .....	724	921	1,074	Mozambique .....	228	2,503	298
Other countries .....	851	954	1,689	South Africa .....		110	
Total .....	13,059	14,968	17,653	Sudan .....	314	2,577	
Condensed milk:				Zaire .....		104	1
Bahamas .....	247	51	39	Afghanistan .....	1	572	500
Mexico .....	1,539	964	825	Bangladesh .....	985	210	1,428
Guinea .....	230	231	31	Hong Kong .....	27	34	19
Indonesia .....	17			India .....	1,081	15,247	4,500
Other countries .....	375	571	636	Indonesia .....	701	829	34
Total .....	2,408	1,817	1,531	Iran .....			
Milk, dried whole: <sup>3</sup>				Japan .....	48	16	57
Bahamas .....	34	8	5	Lebanon .....	64	1,135	
Canada .....	752	224	37	Pakistan .....	225		470
Costa Rica .....	13	8	19	Philippines .....	8,901	75	61
El Salvador .....	144	2	44	Other countries .....	2,626	4,217	5,179
Guatemala .....	38	67	67	Total .....	4,684	49,840	28,828
Jamaica .....	22	24	14				
Mexico .....	2,793	535	992	Infants' dietary supplements, dry milk base:			
Argentina .....	379	226		Canada .....	2,185	304	322
Bolivia .....	104			Dominican Republic .....	204	66	110
Colombia .....	640	302	11	Guatemala .....	41	54	37
Venezuela .....	459	40	7	Honduras .....	26	15	25
Austria .....		1	4	Jamaica .....	95	18	17
France .....	1			Mexico .....	4	211	
Spain .....		100	475	Panama .....	162	104	138
United Kingdom .....		44	10	Ecuador .....	101	56	124
South Africa .....	501	234		Peru .....	809	271	263
China, Taiwan .....	58	629	633	Greece .....	1		
Hong Kong .....	14	50	98	Ireland .....	7	8	3
Iran .....	8	39		Egypt .....	180		
Japan .....	1,828	1,178	671	Ethiopia .....	1		
Malaysia .....	1	23		Libya .....	1		
Philippines .....	1,069	945	122	Nigeria .....	10	6	21
Singapore .....	65	50	7	China, Taiwan .....	1,614	812	350
Thailand .....	78			Hong Kong .....	1,016	481	979
Australia .....	465	556	43	Indonesia .....	18		
Other countries .....	1,113	592	1,159	Iran .....	159	83	11
Total .....	10,579	5,877	4,418	Japan .....	131	4	64
Milk, nonfat dry:				Malaysia .....			3
Canada .....	224	224	231	Philippines .....	56	44	18
Jamaica .....		1	10	Saudi Arabia .....	15	15	8
				Singapore .....	1		
				Thailand .....	399		
				Australia .....	160	50	172
				Other countries .....	1,010	1,512	849
				Total .....	8,406	4,114	3,549

<sup>1</sup>Excludes exports for relief.<sup>2</sup>Preliminary.<sup>3</sup>Dry whole milk recategorized in 1978 as "other dried milk and cream".

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 562.—Dairy products: Price-support operations, United States, 1965–79

Marketing year <sup>1</sup>	Manufacturing milk			Butterfat			Product purchase price per pound <sup>3</sup>			Product purchases <sup>7</sup>			
	Support level		Average price received per cwt.	Support level		Average price received per cwt.	Butter <sup>(4)</sup>	Cheddar cheese <sup>(5)</sup>	Nonfat dry milk, spray process <sup>(6)</sup>	Quantity		Percentage of milk and cream marketed by farmers	
	Per cwt.	Percentage of parity <sup>2</sup>		Per pound	Percentage of parity <sup>2</sup>					Milk-fat content	Non-fat solids content	Milk-fat content	Non-fat solids content
	Dollars	Per-cent	Dollars	Cents	Per-cent	Cents	Cents	Cents	Cents	Million pounds	Million pounds	Per-cent	Per-cent
1965 ...	3.24	75	3.45	59.4	75	62.1	58.966	36.1	14.6	132	677	3.1	6.9
1966 ...	3.50	78	4.11	61.6	75	68.6	60.966	39.3	16.6				
	\$ 4.00	89		* 68.0	83		* 66.466	* 43.75	19.6	102	418	2.4	4.3
1967 ...	4.00	87	4.07	68.0	81	68.2	66.466	43.75	19.6	259	666	6.2	7.0
							* 66.442		10 19.85				
1968 ...	4.28	89	4.30	66.0	77	68.4	11 66.418		23.35	180	568	4.4	6.0
							12 66.394	47.0					
1969 ...	4.28	83	4.55	68.6	75	69.6	67.644		23.35	168	375	4.1	3.9
							13 67.596	48.0					
1970 ...	4.66	85	4.76	71.5	75	71.1	69.846						
							14 69.798	52.0	27.2	274	470	6.6	4.9
1971 ...	4.93	85	4.91	(17)	(17)	69.5	67.784	54.75	31.7	252	489	6.0	5.0
	4.93	79	5.22			68.1	67.708	54.75	31.7	209	283	4.9	2.9
1972 ...	5.29	85		(17)	(17)	68.1	18 60.9	62.0	18 37.5				
	5.29	75	6.95			68.3	60.9	62.0	37.5	28	53	.7	.6
1973 ...	5.61	80		(17)	(17)	68.3		65.0	19 41.4				
	6.57	81	6.87			61.3	60.57	70.75	56.6	92	415	2.2	4.3
1974 ...	7.24	89		(17)	(17)	61.3	20 68.07	77.25	20 60.6				
	7.24	79	8.12			74.6	69.19	79.25	60.06	52	301	1.3	3.1
1975 ...	7.71	84		(17)	(17)	74.6	21 79.69	85.00	21 62.4				
	8.13	80	8.52			23 83.4	85.817	90.50					
1976 ...	8.26	81		(17)	(17)	23 83.4	22 90.817	92.50	62.4	127	331	2.9	3.3
	(9.00)	(82)	(8.65)	(17)	(17)	.....	(100.71)	(98.00)	(68.0)	(140)	(363)	(6.2)	(6.9)
(24) .....	9.00	82				.....	100.71	98.00	68.0				
1977 <sup>1</sup> ..	9.43	86	9.30	(17)	(17)	.....	106.71	103.25	71.0	137	345	3.1	3.4
	9.87	80		(17)	(17)	.....	111.30	106.0	73.75				
1978 ...	10.76	87	10.86	(17)	(17)	.....	121.80	116.0	79.0	55	203	1.2	2.0
	11.49	80		(17)	(17)	.....	131.33	124.0	84.0				
1979 ...	12.36	86		(17)	(17)	.....	140.58	132.5	89.5	.....	.....	.....	.....

<sup>1</sup>Marketing year changed from April-March to October-September on Oct. 1, 1977. <sup>2</sup>Percentage of the parity equivalent price for manufacturing milk and the parity price for butterfat as of the beginning of the marketing year. <sup>3</sup>Announced purchase prices for products in bulk containers. <sup>4</sup>Indicated price is for Chicago (which represents an approximate U.S. average purchase price) based on New York prices less 80 percent of the lowest rail freight rate from Chicago to New York. <sup>5</sup>U.S. Grade A or higher, standard moisture basis. <sup>6</sup>U.S. Extra Grade, not more than 3.5 percent moisture content. Prices quoted are for product in 100-lb. bags, Nov. 4, 1955 through Aug. 18, 1967 and 50-lb. bags beginning Aug. 19, 1967. <sup>7</sup>Milkfat and nonfat solids content of butter, cheese, and nonfat dry milk purchased under price support and related programs. (Excludes purchases of fluid milk partly paid for by CCC under military and veterans milk program.) Includes purchases at market prices for domestic school lunch and welfare programs beginning with the 1966–67 marketing year and ending in the 1973–74 marketing year under Section 709 of the Food and Agriculture Act of 1965. Includes purchases with Section 32 funds for distribution to needy persons of evaporated milk beginning in the 1968–69 marketing year and purchases of dry whole milk during 1971–72 through 1974–75. Purchases were also made in 1973–74 through 1975–76 marketing year under Section 4(a) of the Agriculture and Consumer Protection Act of 1973. <sup>8</sup>Effective June 30, 1966. <sup>9</sup>Effective Aug. 19, 1967. <sup>10</sup>Effective for product in 50-lb. bags, beginning Aug. 19, 1967. <sup>11</sup>Effective June 24, 1968. <sup>12</sup>Effective Nov. 28, 1968. <sup>13</sup>Effective Nov. 19, 1969. <sup>14</sup>Effective June 9, 1970. <sup>15</sup>Effective Nov. 20, 1970. <sup>16</sup>Effective Jan. 10, 1971. <sup>17</sup>The requirement to support butterfat was suspended by the Agricultural Act of 1970 and terminated by the Agriculture and Consumer Protection Act of 1973. <sup>18</sup>Effective Mar. 15, 1973. <sup>19</sup>Effective Aug. 10, 1973. <sup>20</sup>Effective Jan. 4, 1975. <sup>21</sup>Effective Oct. 2, 1975. <sup>22</sup>Effective Oct. 1, 1976. <sup>23</sup>Calendar year average. <sup>24</sup>Transition period. <sup>25</sup>Effective Apr. 1, 1978 (80 percent of parity as of that date). <sup>26</sup>Effective Apr. 1, 1979 (78 percent of parity as of that date). <sup>27</sup>Effective Apr. 1, 1980 (79 percent of parity as of that date).



Table 563.—Dairy products: United States exports<sup>1</sup> by type of product, 1965-79

Year	Butter	Cheese	Milk and cream			
			Evaporated (unsweetened)	Condensed (sweetened)	Whole dried	Nonfat dry milk
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1965 .....	20,590	3,086	11,191	29,859	8,456	199,171
1966 .....	1,074	2,712	17,400	42,776	7,069	77,266
1967 .....	152	2,860	15,318	13,247	5,397	63,904
1968 .....	703	2,968	14,831	19,270	7,790	68,308
1969 .....	244	2,590	16,849	23,668	6,308	50,633
1970 .....	143	3,055	15,110	7,452	5,713	96,293
1971 .....	41,192	2,948	14,820	15,947	10,708	56,337
1972 .....	18,907	2,904	18,373	6,738	17,060	70,272
1973 .....	1,501	3,180	18,768	895	22,427	4,716
1974 .....	264	3,433	18,449	1,013	20,284	3,039
1975 .....	313	3,879	24,019	957	15,783	41,074
1976 .....	199	3,939	20,185	2,141	14,098	4,684
1977 .....	272	4,660	13,057	2,408	10,579	17,580
1978 .....	270	4,775	14,967	1,819	5,877	49,840
1979 <sup>2</sup> .....	424	5,405	17,968	1,531	4,418	28,828

<sup>1</sup> Excludes exports for relief and charity.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 564.—Chickens: Number and value, United States, Dec. 1, 1969-79<sup>1</sup>

Year	Hens	Pullets			Other chickens	All chickens	Value per head	Total value
		Of laying age	3 months old and older not of laying age	Under 3 months old				
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969 .....	136,874	176,649	50,832	51,083	6,658	422,096	1.28	541,453
1970 .....	134,376	189,007	50,206	52,994	6,697	433,280	1.21	525,206
1971 .....	136,915	181,063	50,559	46,908	6,318	421,763	1.23	517,219
1972 .....	131,119	169,035	48,833	49,022	6,182	404,191	1.28	516,420
1973 .....	125,708	168,095	52,026	56,854	6,086	408,769	1.62	662,509
1974 .....	121,849	164,184	46,752	45,832	5,484	384,101	1.70	653,305
1975 .....	122,513	157,230	48,404	46,261	5,346	379,754	1.74	659,960
1976 .....	118,998	160,656	47,769	45,184	5,631	378,238	1.70	643,511
1977 .....	117,572	169,051	47,650	46,186	5,970	386,429	1.69	652,308
1978 .....	123,126	169,985	48,351	48,362	5,945	395,769	1.75	693,766
1979 <sup>2</sup> .....	119,997	174,520	50,242	48,476	6,441	399,676	1.81	724,844

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 565.—Chickens: Hens and pullets of laying age, by States, Dec. 1, 1977-79

State	Hens and pullets of laying age								
	Hens			Pullets			Total		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Ala.....	5,600	5,150	5,000	8,610	9,200	8,900	14,210	14,350	13,900
Alaska.....	21	14	6	6	10	17	27	24	23
Ariz.....	257	345	243	281	140	157	538	485	400
Ark.....	5,894	6,200	6,650	11,406	11,100	10,350	17,300	17,300	17,000
Calif.....	20,664	20,985	17,794	15,736	15,591	19,206	36,400	36,576	37,000
Colo.....	940	1,100	805	1,380	1,260	1,168	2,320	2,360	1,973
Conn.....	1,848	1,720	1,356	1,852	2,520	2,519	3,700	4,240	3,875
Del.....	228	243	198	352	397	252	580	640	450
Fla.....	6,340	6,557	9,921	6,817	5,935	4,023	13,157	12,492	13,944
Ga.....	7,215	7,648	9,100	17,785	17,852	16,600	25,000	25,500	25,700
Hawaii.....	677	619	658	327	406	341	1,004	1,025	999
Idaho.....	528	490	346	366	410	289	894	900	635
Ill.....	2,200	2,300	2,150	3,750	3,550	3,300	5,950	5,850	5,450
Ind.....	5,200	5,800	6,150	9,000	9,700	9,250	14,200	15,500	15,400
Iowa.....	2,490	2,500	2,880	5,660	5,900	4,820	8,150	8,400	7,700
Kans.....	926	986	865	1,274	1,204	1,085	2,200	2,140	1,900
Ky.....	900	1,050	1,050	1,600	1,550	1,390	2,500	2,600	2,440
La.....	1,217	1,353	1,050	1,353	1,393	1,670	2,570	2,746	2,720
Maine.....	1,700	3,890	2,227	5,300	3,840	5,197	7,000	7,730	7,424
Md.....	640	570	615	710	805	1,035	1,350	1,375	1,650
Mass.....	465	550	617	1,005	620	755	1,470	1,170	1,372
Mich.....	2,967	2,850	2,400	3,333	3,500	3,850	6,800	6,350	6,250
Minn.....	3,700	4,410	3,813	5,800	4,890	5,687	9,500	9,300	9,500
Miss.....	3,209	2,685	2,175	4,491	4,719	4,606	7,700	7,404	6,781
Mo.....	2,150	2,622	2,694	3,350	3,078	3,456	5,500	5,700	6,150
Mont.....	309	325	276	482	415	323	791	740	599
Nebr.....	1,200	1,265	1,218	2,300	2,335	2,252	3,500	3,600	3,470
Nev.....	9	8	8	2	2	2	11	10	10
N.H.....	330	460	278	545	420	539	875	880	817
N.J.....	741	885	597	1,111	665	740	1,852	1,550	1,337
N. Mex.....	690	928	800	658	619	819	1,348	1,547	1,619
N.Y.....	3,040	3,400	3,450	4,280	3,950	4,000	7,300	7,350	7,450
N.C.....	4,600	5,300	3,800	7,900	8,200	10,000	12,500	13,500	13,800
N. Dak.....	190	188	215	240	192	145	430	380	360
Ohio.....	3,300	3,350	2,600	5,900	6,050	6,800	9,200	9,400	9,400
Okla.....	760	630	1,500	1,690	2,270	1,900	2,450	2,900	3,400
Oreg.....	1,250	1,150	1,700	1,030	1,250	975	2,280	2,400	2,675
Pa.....	6,025	5,546	5,230	8,175	9,754	11,370	14,200	15,300	16,600
R.I.....	134	48	45	96	192	253	230	240	298
S.C.....	2,280	1,900	2,950	3,320	4,000	4,330	5,600	5,900	7,280
S. Dak.....	1,057	903	955	1,657	1,627	1,295	2,714	2,530	2,250
Tenn.....	1,960	2,350	2,320	2,355	1,850	1,780	4,315	4,200	4,100
Texas.....	4,230	4,200	4,800	7,270	8,200	8,000	11,500	12,400	12,300
Utah.....	859	850	925	810	850	757	1,669	1,700	1,682
Vt.....	180	145	161	350	330	299	530	475	460
Va.....	1,634	1,597	1,354	2,316	2,432	2,676	3,950	4,029	4,030
Wash.....	2,679	3,016	2,534	2,087	2,046	2,534	4,766	5,062	5,068
W. Va.....	300	320	320	420	440	460	720	760	780
Wis.....	1,800	1,728	1,650	2,475	2,290	2,380	4,275	4,018	4,030
Wyo.....	39	47	48	58	36	18	97	83	66
U.S.....	117,572	123,126	119,997	169,051	169,985	174,520	296,623	293,111	294,517

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 566.—Chickens: Pullets not of laying age, and other chickens, by States, Dec. 1, 1977-79

State	Pullets 3 months old and older not of laying age			Pullets under 3 months old			Other chickens		
	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>	1977	1978	1979 <sup>1</sup>
	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands
Ala	2,720	2,820	4,210	3,400	2,790	3,180	570	640	710
Alaska		1	1				1	1	1
Ariz	17	77	50	7	3	10	3	5	9
Ark	4,147	3,620	4,520	3,331	3,925	4,550	846	880	930
Calif	4,320	4,787	3,777	4,706	4,464	4,505	190	193	228
Colo	155	240	117	360	340	196	15	10	14
Conn	850	738	939	709	950	1,057	21	12	0
Del	160	137	205	139	153	153	71	50	42
Fla	1,704	2,509	2,244	2,045	2,197	2,207	136	104	148
Ga	4,948	4,890	5,380	4,407	4,700	4,220	783	780	900
Hawaii	137	131	147	160	177	160			
Idaho	178	168	92	101	132	286	14	11	10
Ill	710	770	635	970	920	805	70	60	60
Ind	2,748	2,616	2,500	2,786	2,702	2,518	76	82	82
Iowa	1,330	1,145	860	1,490	1,070	980	100	85	60
Kans	185	294	333	191	150	215	24	16	22
Ky	550	500	522	380	340	476	70	60	63
La	700	669	295	420	365	400	100	100	85
Maine	1,416	2,360	2,138	1,525	1,995	1,575	144	85	113
Md	197	169	223	170	165	217	58	66	60
Mass	290	196	126	180	174	197	50	40	31
Mich	915	840	825	703	900	885	41	50	40
Minn	1,320	1,135	1,125	1,460	1,370	1,750	130	115	125
Miss	1,640	1,591	1,551	1,738	1,407	1,817	463	425	401
Mo	1,155	1,065	815	1,000	1,165	685	45	70	70
Mont	82	129	150	138	57	136	4	4	5
Nebr	371	375	296	189	193	141	30	32	23
Nev	1	1	1	1	1	1	1	1	1
N.H	265	195	300	270	233	140	15	52	20
N.J	126	125	208	74	47	5	6	6	5
N. Mex	390	253	251	230	308	318	2	2	2
N.Y	1,490	1,230	1,300	1,250	1,230	1,400	60	40	50
N.C	3,250	3,500	2,800	2,850	3,100	3,500	800	600	700
N. Dak	38	46	48	29	20	15	13	9	7
Ohio	1,550	1,300	1,050	1,665	1,470	1,050	85	80	100
Okla	340	300	490	260	370	360	50	130	150
Oreg	310	210	310	190	260	180	20	30	35
Pa	1,364	1,397	2,175	1,491	2,140	1,946	165	188	209
R.I	18	32	30	1		3	1	1	1
S.C	1,012	1,022	1,268	912	1,047	1,124	76	81	98
S. Dak	294	236	342	176	186	235	16	16	23
Tenn	660	590	675	525	455	515	100	105	110
Tex	1,130	1,900	2,700	1,430	2,150	2,100	240	350	400
Utah	136	108	208	284	335	106	5	7	4
Vt	30	63	50	84	28	57	6	4	3
Va	948	690	803	481	667	863	143	155	186
Wash	575	457	452	398	661	471	35	37	42
W. Va	90	100	68	140	125	65	30	35	27
Wis	684	621	635	738	723	700	44	38	35
Wyo	4	3	2	2	2	1	2	2	1
U.S	47,650	48,351	50,242	46,186	48,362	48,476	5,970	5,945	6,441

<sup>1</sup> Preliminary.

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Table 567.—Chickens: Number, value per head, and total value, by States, Dec. 1, 1977-79<sup>1</sup>

State	Number			Value per head			Total value		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala .....	20,900	20,600	22,000	1.60	1.65	1.85	33,440	33,990	40,700
Alaska .....	28	26	25	4.45	4.15	4.30	125	108	108
Ariz .....	565	570	469	1.60	1.55	1.50	904	884	704
Ark .....	25,624	25,725	27,000	1.90	2.05	2.15	48,686	52,736	58,050
Calif .....	45,616	46,020	45,510	1.55	1.55	1.70	70,705	71,331	77,367
Colo .....	2,850	2,950	2,300	1.60	1.60	2.20	4,560	4,720	5,060
Conn .....	5,280	5,940	5,871	2.20	2.05	2.05	11,616	12,177	12,036
Del .....	950	980	850	2.00	2.00	1.70	1,900	1,960	1,445
Fla .....	17,042	17,302	18,543	1.40	1.55	1.45	23,859	26,818	26,887
Ga .....	35,138	35,870	36,200	1.60	1.85	1.80	56,221	66,860	65,190
Hawaii .....	1,301	1,333	1,306	2.60	2.75	3.05	3,383	3,666	3,983
Idaho .....	1,187	1,211	1,023	1.70	1.95	1.55	2,018	2,361	1,586
Ill .....	7,700	7,600	6,950	1.45	1.45	1.65	11,165	11,020	11,468
Ind .....	19,810	20,900	20,500	1.35	1.50	1.45	26,744	31,350	29,725
Iowa .....	11,070	10,700	9,600	1.60	1.65	1.50	17,712	17,655	14,400
Kans .....	2,600	2,600	2,470	1.70	1.50	1.75	4,420	3,900	4,323
Ky .....	3,500	3,500	3,501	1.90	1.75	1.80	6,650	6,125	6,302
La .....	3,790	3,880	3,500	1.95	1.85	1.95	7,391	7,178	6,825
Maine .....	10,085	12,170	11,250	2.20	2.10	2.05	22,187	25,557	23,063
Md .....	1,775	1,775	2,150	2.05	2.05	1.80	3,639	3,639	3,870
Mass .....	1,990	1,580	1,726	2.05	2.05	2.15	4,080	3,239	3,711
Mich .....	7,959	8,140	8,000	1.35	1.55	1.45	10,745	12,617	11,600
Minn .....	12,410	11,920	12,500	1.75	1.50	1.50	21,718	17,880	18,750
Miss .....	11,541	10,827	10,550	1.95	1.95	2.05	22,505	21,113	21,628
Mo .....	7,700	8,000	7,720	1.55	1.60	1.65	11,935	12,800	12,738
Mont .....	1,015	980	890	1.95	1.85	2.25	1,979	1,721	2,003
Nebr .....	4,090	4,200	3,930	1.70	1.75	1.80	6,953	7,350	7,074
Nev .....	14	13	13	2.15	2.10	2.15	30	27	28
N.H .....	1,425	1,360	1,277	2.10	2.10	2.00	2,998	2,856	2,554
N.J .....	2,058	1,728	1,555	1.85	1.75	1.85	3,807	3,024	2,877
N. Mex .....	1,970	2,110	2,190	1.90	2.15	2.20	3,743	4,537	4,818
N.Y .....	10,100	9,850	10,200	2.00	1.80	1.80	20,200	17,730	18,360
N.C .....	19,400	20,700	20,800	1.65	1.95	2.05	32,010	40,365	42,640
N. Dak .....	510	455	430	1.80	1.60	1.45	918	728	624
Ohio .....	12,500	12,250	11,600	1.50	1.50	1.70	18,750	18,375	19,720
Okla .....	3,100	3,700	4,400	1.65	1.70	2.25	5,115	6,290	9,900
Oreg .....	2,800	2,900	3,200	2.00	2.10	1.85	5,600	6,090	5,920
Pa .....	17,220	19,025	20,930	1.90	1.81	1.70	32,718	34,435	35,581
R.I .....	250	273	332	2.35	2.25	2.40	588	614	797
S.C .....	7,600	8,050	9,770	1.60	1.55	1.65	12,160	12,478	16,121
S. Dak .....	3,200	2,968	2,850	1.75	1.45	1.60	5,600	4,304	4,560
Tenn .....	5,600	5,350	5,400	1.50	1.95	1.90	8,400	10,433	10,260
Tex .....	14,300	16,800	17,500	1.80	1.80	2.10	25,740	30,240	36,750
Utah .....	2,094	2,150	2,000	1.80	2.05	2.20	3,769	4,408	4,400
Vt .....	650	570	570	2.35	2.25	2.30	1,528	1,283	1,311
Va .....	5,522	5,541	5,882	1.95	1.90	2.15	10,768	10,528	12,646
Wash .....	5,774	6,217	6,033	1.65	2.25	2.10	9,527	13,988	12,669
W. Va .....	980	1,020	940	1.45	1.65	1.70	1,421	1,683	1,598
Wis .....	5,741	5,400	5,400	1.65	1.65	1.85	9,473	8,910	9,990
Wyo .....	105	90	70	2.00	2.05	2.20	210	185	154
U.S .....	386,429	395,769	399,676	1.69	1.75	1.81	652,308	693,766	724,844

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> Preliminary.

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Table 568.—Chickens: Number in specified countries, 1977-79<sup>1</sup>

Continent and country	1977	1978	1979 <sup>2</sup>
<i>North America:</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
Canada .....	24	24	24
Mexico .....	37	42	47
United States .....	280	287	291
Total .....	341	353	362
<i>South America:</i>			
Argentina .....	18	18	18
Brazil .....	34	35	35
Peru .....	6	5	4
Venezuela .....	8	8	8
Total .....	66	66	65
<i>Europe:</i>			
Belgium and Luxembourg .....	14	14	14
Denmark .....	5	5	5
France .....	62	69	70
Germany, Fed. Rep. of .....	62	59	58
Ireland .....	4	3	3
Italy .....	50	50	50
Netherlands .....	18	22	24
United Kingdom .....	58	58	57
Total EC .....	273	280	281
Austria .....	9	9	9
Finland .....	6	6	6
Greece .....	23	23	23
Spain .....	50	48	48
Sweden .....	7	7	7
Switzerland .....	3	3	3
Total Western Europe .....	371	376	377
Czechoslovakia .....	21	21	21
Hungary .....	26	33	32
Poland .....	71	68	74
Romania .....	47	43	45
Yugoslavia .....	35	35	36
Total Eastern Europe .....	200	200	208
Total Europe .....	571	576	585
Soviet Union .....	398	436	430
<i>Africa:</i>			
South Africa <sup>3</sup> .....	16	16	15
<i>Asia and Oceania:</i>			
Israel .....	6	6	6
Japan .....	152	124	123
Turkey .....	48	50	51
Australia <sup>3</sup> .....	11	11	10
Total .....	217	191	190
Grand total .....	1,609	1,638	1,647

<sup>1</sup> Chickens in laying flock.<sup>2</sup> Preliminary<sup>3</sup> Year ending June 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 569.—Chickens: Production, disposition, cash receipts, and gross income, by States, 1979 (preliminary)<sup>1</sup>

State	Number				Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Raised	Lost <sup>2</sup>	Produced	Consumed on production units	Sold	Produced <sup>3</sup>	Consumed on production units					
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	17,400	2,000	15,400	600	13,400	72,185	1,800	13.7	9,889	9,179	287	9,436
Alaska.....	84	21	63	11	73	212	28	30.0	15	15	64	79
Ariz.....	446	316	130	51	405	1,295	37	10.1	128	164	4	108
Ark.....	24,400	3,125	21,275	600	19,400	122,095	2,400	11.8	14,369	13,785	283	14,018
Calif.....	25,907	5,175	20,728	235	21,063	83,691	940	10.4	8,737	8,737	36	8,835
Colo.....	1,400	260	1,140	130	1,010	4,458	408	13.0	6,669	6,662	70	372
Conn.....	3,413	480	2,933	8	3,000	12,125	162	13.2	1,601	1,742	6	1,748
Del.....	610	108	502	22	610	2,042	101	14.1	373	553	41	547
Fla.....	12,700	1,650	11,050	101	9,708	42,352	343	11.9	5,169	4,545	41	4,546
Ga.....	28,790	4,000	24,790	400	24,000	101,357	1,748	16.0	21,269	19,230	280	19,480
Hawaii.....	649	193	456	4	479	1,714	15	15.5	266	276	2	277
Idaho <sup>4</sup> .....	867	713	154	80	262	1,022	320	9.0	30	92	29	121
Ill.....	4,850	850	4,000	240	4,410	15,113	960	11.3	1,708	1,844	108	1,952
Ind.....	14,500	1,750	12,750	500	12,650	47,877	2,050	11.8	5,649	5,523	242	5,765
Iowa.....	7,510	920	6,590	390	7,300	23,228	1,590	11.4	2,648	2,913	182	3,095
Kans.....	2,100	470	1,630	280	1,480	7,946	980	20.0	1,589	1,589	196	1,735
Ky.....	3,100	680	2,500	600	1,899	8,657	1,920	13.0	1,110	889	250	1,139
La.....	3,000	580	2,420	300	2,500	14,775	1,020	13.8	2,639	2,070	141	2,221
Maine.....	5,000	700	4,300	15	5,205	8,326	290	16.6	1,382	4,329	9	4,338
Md.....	2,000	250	1,740	70	1,295	8,322	51	13.2	1,165	1,075	46	1,121
Mass.....	1,700	100	1,600	11	1,443	8,822	720	12.0	1,043	1,043	7	1,051
Mich.....	5,000	680	4,400	160	4,380	20,254	720	12.0	2,434	2,418	86	2,504
Minn.....	10,061	1,575	8,486	350	7,556	33,178	1,505	3.6	1,194	1,088	54	1,142
Miss.....	1,050	6,950	6,950	500	6,727	38,542	1,600	17.0	6,552	6,747	272	7,019
Mo.....	6,580	1,150	5,430	360	5,350	39,503	1,188	16.0	6,520	6,078	190	6,268
Mont <sup>5</sup> .....	840	430	410	155	295	1,444	620	7.0	101	83	43	126
Neb <sup>6</sup> .....	2,150	500	1,650	300	1,620	6,087	1,080	11.6	706	695	125	820
Nev.....	12	4	8	4	4	32	16	9.9	3	2	2	4
N.H.....	1,180	110	1,070	5	1,148	6,911	25	13.2	912	955	3	958
N.J.....	1,205	160	1,045	18	1,200	4,428	90	13.7	607	690	12	702
N.Mex.....	1,043	225	818	27	711	3,124	86	8.4	282	227	7	284
N.Y.....	8,300	2,000	7,100	220	6,530	31,494	1,100	27.5	2,897	2,703	101	2,804
N.C.....	13,400	2,000	11,400	1,000	10,300	76,910	4,500	27.5	21,150	19,828	1,238	21,068
N.Dak.....	600	130	470	245	250	1,882	931	4.0	75	42	37	79
Neb.....	7,907	1,750	6,750	200	7,140	37,797	1,170	12.0	4,536	4,455	140	4,595
Okla.....	2,600	350	2,250	120	1,430	9,484	384	20.0	1,897	1,238	77	1,335
Oreg.....	2,400	350	2,050	100	1,650	8,505	400	9.0	765	594	36	630
P.a.....	16,000	1,400	14,600	200	12,435	80,151	1,248	20.6	16,511	14,601	257	14,858

R.I. ....	245	25	220	1	160	1,202	6	880	13.2	159	116	1	117
S.C. ....	7,370	850	7,020	300	5,000	29,071	1,110	22,000	16.0	4,651	3,520	178	3,698
S. Dak. ....	1,880	478	1,402	210	3,310	3,285	819	3,240	6.0	316	314	49	363
Tenn. ....	4,040	490	3,550	300	3,200	17,048	1,050	16,000	15.7	2,677	2,512	165	2,677
Tex. ....	12,500	1,300	11,200	300	10,000	43,835	1,750	40,000	15.3	6,707	6,120	268	6,388
Utah. ....	930	210	720	20	850	3,259	78	3,230	8.0	264	258	6	264
Vt. ....	366	32	334	9	325	1,659	43	1,690	13.2	219	223	6	229
Va. ....	4,500	750	3,750	450	2,959	22,547	1,800	17,754	15.7	3,540	2,787	283	3,070
Wash. ....	5,810	1,010	4,800	64	4,920	20,169	262	20,172	9.1	1,835	1,886	24	1,860
W. Va. ....	900	150	750	130	700	3,564	533	3,220	12.5	446	403	67	470
Wis. ....	4,040	545	3,495	250	3,245	17,415	1,150	16,225	13.0	3,135	2,921	207	3,128
Wyo. ....	56	40	16	14	22	84	56	106	9.1	8	10	5	15
U.S. ....	291,440	42,953	248,487	11,032	233,548	1,294,287	42,675	1,138,305	14.4	174,552	163,793	6,238	170,051

<sup>1</sup>Excludes broilers. Annual production, disposition, cash receipts, and gross income for chickens are for a Dec. 1 through Nov. 30 marketing year.

<sup>2</sup>Loss during year.

<sup>3</sup>The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.

<sup>4</sup>Included are layers destroyed because of possible PCB contamination. Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 570.—Chickens: Production, disposition, cash receipts, and gross income, United States, 1965–79<sup>1</sup>

Year	Number				
	Raised	Lost <sup>2</sup>	Produced <sup>3</sup>	Consumed on production units	Sold
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965	301,059	61,058	240,001	40,360	201,508
1966	335,582	56,701	278,881	33,391	212,170
1967	320,679	57,265	263,414	29,148	239,337
1968	298,090	54,313	243,777	25,604	225,386
1969	309,314	57,140	252,174	22,238	218,928
1970 <sup>4</sup>	324,483	60,614	263,869	19,869	233,316
1971	316,755	58,507	258,248	17,808	231,957
1972	291,352	58,045	233,307	16,110	234,769
1973	298,826	47,769	251,057	14,658	231,821
1974	288,353	46,235	242,118	14,421	252,365
1975	276,035	43,210	232,825	13,451	223,721
1976	271,069	42,542	228,528	12,790	217,253
1977	288,024	43,190	244,834	12,166	224,477
1978	279,487	41,581	237,856	11,415	217,101
1979 <sup>5</sup>	291,440	42,953	248,487	11,032	233,548

  

Year	Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Produced	Consumed on production units	Sold					
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965	1,116,528	151,147	969,288	8.9	100,749	86,329	13,202	99,531
1966	1,261,578	123,374	1,031,688	9.7	122,576	99,958	11,400	111,360
1967	1,258,481	108,468	1,156,613	7.9	99,393	91,206	8,379	99,585
1968	1,108,815	95,957	1,090,428	8.2	91,838	89,580	7,645	97,225
1969	1,144,029	83,897	1,062,969	9.7	110,827	103,566	7,556	111,122
1970 <sup>4</sup>	1,190,105	73,409	1,120,603	9.1	107,178	102,279	6,356	108,635
1971	1,211,567	67,941	1,192,639	7.8	94,751	92,876	5,262	98,138
1972	1,117,816	61,724	1,128,813	8.9	100,457	100,634	5,155	105,789
1973	1,172,220	56,245	1,121,546	15.1	176,454	169,495	7,878	177,373
1974	1,186,148	55,162	1,202,562	9.7	114,896	116,414	5,213	121,627
1975	1,066,512	51,393	1,047,000	9.9	104,669	104,098	5,175	109,268
1976	1,107,068	49,124	1,046,727	12.9	144,602	135,496	6,215	141,711
1977	1,166,554	47,019	1,077,234	12.0	142,072	129,548	5,534	135,082
1978	1,118,912	44,106	1,036,859	12.4	139,609	128,673	5,455	134,128
1979 <sup>5</sup>	1,234,287	42,675	1,138,305	14.4	174,552	163,793	6,258	170,051

<sup>1</sup>Excludes broiler production.<sup>2</sup>Loss during year.<sup>3</sup>The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.<sup>4</sup>Annual production, disposition, cash receipts, and gross income estimates for chickens were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.<sup>5</sup>Preliminary.<sup>6</sup>Included are layers destroyed because of possible PCB contamination.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 571.—Chickens and turkeys: Participation in the National Poultry and Turkey Improvement Plans, by States, 1978<sup>1</sup>

State	National Poultry Improvement Plan				National Turkey Improvement Plan			
	Hatcheries		Supply flocks		Hatcheries		Supply flocks	
	Number	Egg capacity	Flocks	Birds	Number	Egg capacity	Flocks	Birds
		Thou- sands	Num- ber	Thou- sands		Thou- sands	Num- ber	Thou- sands
Ala .....	64	41,081	407	4,189	.....	.....	.....	.....
Ariz .....	.....	.....	.....	.....	.....	.....	.....	.....
Ark .....	28	38,249	393	3,742	2	1,205	19	84
Calif .....	6	( <sup>2</sup> )	10	90	9	( <sup>2</sup> )	137	534
Colo .....	2	223	7	5	2	945	7	34
Conn .....	7	1,882	232	261	.....	.....	.....	.....
Del .....	15	12,853	( <sup>2</sup> )	( <sup>2</sup> )	.....	.....	.....	.....
Fla .....	30	14,570	164	1,289	3	83	1	( <sup>3</sup> )
Ga .....	53	57,868	735	7,420	1	325	1	19
Idaho .....	3	1,178	9	53	.....	.....	.....	.....
Ill .....	79	3,759	161	138	3	530	22	77
Ind .....	34	7,648	130	503	2	705	.....	.....
Iowa .....	32	6,707	141	318	5	1,135	21	73
Kans .....	21	1,824	64	57	1	560	.....	.....
Ky .....	10	1,637	( <sup>2</sup> )	( <sup>2</sup> )	.....	.....	( <sup>2</sup> )	( <sup>2</sup> )
La .....	32	4,685	55	419	.....	.....	.....	.....
Maine .....	5	3,050	59	181	.....	.....	.....	.....
Md .....	13	17,854	242	912	1	11	1	1
Mass .....	6	1,596	368	216	.....	.....	2	( <sup>3</sup> )
Mich .....	5	1,497	( <sup>2</sup> )	( <sup>2</sup> )	1	617	( <sup>2</sup> )	( <sup>2</sup> )
Minn .....	47	8,338	167	388	12	8,543	149	659
Miss .....	61	27,202	356	2,697	.....	.....	.....	.....
Mo .....	16	5,456	326	169	6	1,662	24	88
Mont .....	3	402	4	5	.....	.....	.....	.....
Nebr .....	22	1,955	104	53	1	200	2	12
N.H .....	2	1,242	86	208	2	90	3	2
N.J .....	11	2,276	58	7	2	142	1	( <sup>3</sup> )
N. Mex .....	2	147	14	8	.....	.....	.....	.....
N.Y .....	11	1,776	82	143	1	40	1	1
N.C .....	44	38,817	793	7,250	8	3,495	107	581
N. Dak .....	5	387	5	1	1	45	.....	.....
Ohio .....	23	4,841	163	182	5	1,865	23	121
Okla .....	18	1,147	294	16	2	454	.....	.....
Oreg .....	18	3,835	34	73	3	594	20	67
Pa .....	74	10,511	221	878	6	460	.....	.....
R.I .....	.....	.....	22	4	1	12	1	( <sup>3</sup> )
S.C .....	6	2,750	74	322	1	832	1	3
S. Dak .....	20	1,508	35	42	.....	.....	.....	.....
Tenn .....	16	2,462	51	214	.....	.....	.....	.....
Tex .....	32	5,220	55	273	6	2,154	56	333
Utah .....	1	96	7	5	2	810	2	30
Vt .....	.....	.....	26	36	.....	.....	.....	.....
Va .....	4	7,214	258	443	3	1,441	43	174
Wash .....	8	2,234	28	139	.....	.....	2	9
W. Va .....	1	1	3	( <sup>3</sup> )	.....	.....	.....	.....
Wis .....	23	3,102	47	157	3	1,062	26	82
Wyo .....	.....	.....	.....	.....	.....	.....	.....	.....
U.S .....	913	357,080	6,490	33,506	95	30,017	672	2,984

<sup>1</sup> Year beginning July 1, 1978.<sup>2</sup> Not reported.<sup>3</sup> Less than 1,000 birds.

Animal and Plant Health Inspection Service.

## FOOTNOTES FOR TABLE 574

<sup>1</sup> Broilers are young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 pounds live weight, and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.<sup>2</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.<sup>3</sup> Commercial broilers were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 572.—Chickens: Distribution of birds in National Poultry Improvement Plan hatchery supply flocks by breed and variety, 1965-78**

Year beginning July	States reporting	Total birds	New Hampshire	White Leg-horn	White Plymouth Rock	Barred Plymouth Rock	Rhode Island Red	Cross-mated	Incross-mated	Other	Total
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1965 .....	47	34,148,409	0.4	10.8	5.1	0.3	0.5	75.7	6.0	1.2	100.0
1966 .....	47	38,128,303	.3	10.0	5.0	.3	.6	77.5	6.1	.2	100.0
1967 .....	47	33,505,974	.2	9.9	3.8	.4	.5	78.4	6.2	.6	100.0
1968 .....	47	33,507,516	.2	9.1	3.1	.4	.3	79.7	5.8	1.4	100.0
1969 .....	47	35,844,809	.1	8.6	2.9	.1	.3	82.4	5.0	.6	100.0
1970 .....	45	37,584,000	.3	8.5	3.3	.3	.4	80.9	5.6	.7	100.0
1971 .....	46	32,053,535	.2	8.9	3.9	.4	.4	77.8	6.8	1.6	100.0
1972 .....	47	32,922,101	.2	8.0	4.7	.3	.4	79.1	5.7	1.6	100.0
1973 .....	47	26,647,427	.2	9.3	1.5	.3	.4	81.9	5.5	.9	100.0
1974 .....	47	25,120,867	.3	10.2	.6	.3	.4	80.4	5.5	2.3	100.0
1975 .....	47	26,697,301	.1	8.9	.6	.2	.4	82.8	4.8	2.2	100.0
1976 .....	47	28,839,301	.1	8.9	.6	.2	.4	83.7	4.5	1.6	100.0
1977 .....	47	30,812,932	.1	8.5	1.0	.4	.4	82.5	5.3	1.8	100.0
1978 .....	47	33,505,942	.2	5.2	1.1	.2	.2	86.4	5.0	1.7	100.0

Animal and Plant Health Inspection Service.

**Table 573.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1965-79**

Year	Production			Com- mercial storage at be- ginning of year	Imports	Exports and ship- ments to Terri- tories	Com- mercial storage at end of year	Consumption		
	Com- mercial broilers	Other chickens	Total					Military	Civilian	
									Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1965 .....	5,872	746	6,618	139	.....	168	108	94	6,387	33.4
1966 .....	6,437	761	7,198	108	.....	167	163	97	6,879	35.6
1967 .....	6,552	827	7,379	163	.....	156	170	104	7,112	36.5
1968 .....	6,653	769	7,422	170	.....	162	97	100	7,233	36.7
1969 .....	7,175	732	7,907	97	.....	166	110	88	7,640	38.4
1970 .....	7,687	778	8,465	110	.....	182	163	69	8,161	40.5
1971 .....	7,724	792	8,516	163	.....	202	149	75	8,253	40.5
1972 .....	8,147	740	8,887	149	.....	206	111	52	8,667	42.0
1973 .....	8,025	736	8,761	111	.....	203	146	47	8,476	40.7
1974 .....	8,126	789	8,915	146	.....	235	175	34	8,617	41.1
1975 .....	8,127	696	8,823	175	.....	273	114	39	8,572	40.6
1976 .....	9,067	684	9,751	114	.....	451	155	33	9,226	43.3
1977 .....	9,418	700	10,118	155	.....	481	139	26	9,627	44.8
1978 .....	10,129	665	10,794	139	.....	505	102	32	10,294	47.5
1979 <sup>1</sup> .....	11,188	732	11,920	102	.....	597	142	33	11,250	51.5

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 574.—Chickens: Broiler production, and gross income, United States, 1965-79<sup>1</sup>**

Year	Production		Price per pound	Gross Income <sup>2</sup>	Year	Production		Price per pound	Gross Income <sup>2</sup>
	Number	Weight				Number	Weight		
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1965 .....	2,333,633	8,111,426	15.0	1,217,383	1973 .....	3,008,667	11,219,885	24.0	2,690,362
1966 .....	2,570,516	8,988,508	15.3	1,371,006	1974 .....	2,992,820	11,320,396	21.5	2,436,224
1967 .....	2,591,850	9,183,426	13.3	1,222,641	1975 .....	2,950,099	11,096,015	26.3	2,915,017
1968 .....	2,619,855	9,326,341	14.2	1,325,665	1976 .....	3,282,841	12,517,347	23.6	2,953,278
1969 .....	2,788,732	10,047,769	15.2	1,531,404	1977 .....	3,399,999	12,992,527	23.6	3,066,836
1970 <sup>3</sup> .....	2,986,769	10,818,916	13.6	1,474,710	1978 .....	3,613,147	14,021,932	26.3	3,681,903
1971 .....	2,945,348	10,817,657	13.8	1,487,077	1979 <sup>4</sup> .....	3,989,832	15,476,726	26.0	4,019,558
1972 .....	3,074,921	11,480,101	14.1	1,622,638					

See footnotes on page 401.

Table 575.—Chickens: Broiler production and gross income, by States, 1978 and 1979<sup>1</sup>

State	1978				1979 <sup>4</sup>			
	Production		Price per pound <sup>2</sup>	Gross income <sup>3</sup>	Production		Price per pound <sup>2</sup>	Gross income <sup>3</sup>
	Number	Weight			Number	Weight		
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ala .....	441,699	1,634,286	25.0	408,572	493,060	1,873,628	24.5	459,039
Ark .....	612,102	2,203,567	26.2	577,335	678,208	2,509,370	25.5	639,889
Calif .....	122,400	575,280	28.3	162,804	137,600	605,440	29.5	178,605
Conn .....	0	0						
Del .....	166,966	684,643	26.0	178,007	175,856	756,181	26.0	196,607
Fla .....	74,999	292,496	24.8	72,539	78,683	314,732	25.0	78,683
Ga .....	531,889	2,021,178	26.0	525,506	561,268	2,132,818	26.0	554,533
Hawaii .....	2,281	7,755	40.5	3,141	2,246	7,861	43.0	3,380
Ind .....	14,409	54,754	26.5	14,510	15,785	59,983	25.5	15,296
Iowa .....	3,425	22,263	44.0	9,796	3,000	15,000	39.0	5,850
Ky .....	3,200	10,560	25.0	2,640	3,255	11,498	25.0	2,875
La .....	75,736	287,797	26.7	76,842	91,311	356,113	26.5	94,370
Maine .....	87,895	369,159	25.0	92,290	87,816	368,827	25.0	92,207
Md .....	220,882	905,616	26.0	235,460	244,783	1,003,610	26.0	260,939
Mich .....	1,190	5,355	29.2	1,564	2,570	10,794	28.0	3,022
Minn .....	15,100	64,930	30.2	19,609	17,000	76,500	30.0	22,950
Miss .....	269,373	1,050,555	27.0	283,560	276,858	1,079,746	27.0	291,531
Mo .....	22,164	86,440	26.7	23,079	25,297	101,188	26.0	26,309
Nebr .....	1,530	5,508	45.0	2,479	1,950	7,800	48.0	3,510
N.C .....	353,480	1,413,920	25.8	366,205	376,580	1,543,978	25.0	385,995
Ohio .....	20,400	77,520	25.8	20,000	19,100	70,670	25.0	17,668
Okl .....	35,338	134,284	26.0	34,914	40,285	149,055	26.0	38,754
Oreg .....	15,500	63,550	31.0	19,701	17,300	72,660	32.0	23,251
Fa .....	99,300	397,200	27.3	108,436	109,206	447,745	27.5	123,190
S.C .....	39,045	140,562	24.9	35,000	43,687	166,011	24.5	40,673
Tenn .....	48,177	178,255	28.0	44,564	57,733	213,612	25.0	53,408
Tex .....	198,353	773,577	26.0	216,602	217,461	848,098	27.5	233,227
Va .....	91,562	393,717	24.9	98,036	111,564	479,725	24.5	117,533
Wash .....	17,345	71,115	30.8	21,903	19,847	83,357	30.0	25,007
W. Va .....	16,197	50,211	29.0	14,561	15,743	63,726	28.5	18,162
Wis .....	11,190	45,879	26.5	12,158	11,750	47,000	28.0	13,160
Total <sup>5</sup> .....	3,613,147	14,021,932	26.3	3,681,903	3,939,832	15,476,726	26.0	4,019,558

<sup>1</sup> Commercial broiler production including production of other meat-type breeds; excludes States producing less than 500,000 birds. Estimates of commercial broilers are for a Dec. 1 through Nov. 30 marketing year.

<sup>2</sup> Live-weight equivalent price.

<sup>3</sup> Includes home consumption which is less than 1 percent of total production.

<sup>4</sup> Preliminary.

<sup>5</sup> Excludes states producing less than 500,000.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 576.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1965-79

Year	Chicks hatched			Average price of baby chicks per 100	Value of chick production
	Broiler-type	Egg-type	All		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	2,513,881	488,965	3,002,846	13.2	395,770
1966 .....	2,747,592	569,333	3,316,925	12.6	384,181
1967 .....	2,758,542	534,818	3,293,360	12.4	375,443
1968 .....	2,799,089	514,301	3,313,390	11.7	358,944
1969 .....	3,025,040	529,888	3,554,928	11.7	386,723
1970 .....	3,189,169	571,142	3,760,311	11.6	405,314
1971 .....	3,167,952	527,473	3,695,425	11.2	385,643
1972 .....	3,267,457	491,354	3,758,811	11.1	389,593
1973 .....	3,206,986	534,256	3,741,242	12.7	441,968
1974 .....	3,104,430	473,403	3,577,833	14.1	473,759
1975 .....	3,169,071	453,804	3,622,875	14.4	493,198
1976 .....	3,488,326	492,180	3,980,506	15.2	568,957
1977 .....	3,636,672	501,913	4,138,585	15.8	612,591
1978 .....	3,879,339	491,578	4,370,917	16.3	667,723
1979 .....	4,197,758	518,953	4,716,711	16.8	749,572

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 577.—Chicks hatched by commercial hatcheries: Number and average price, by regions, 1978 and 1979

Region <sup>1</sup>	Broiler-type chicks				Egg-type chicks			
	Hatched		Average price per 100		Hatched		Average price per 100	
	1978	1979	1978	1979	1978	1979	1978	1979
	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>
Northeast .....	621,136	660,420	13.50	14.30	62,639	69,555	38.70	39.60
Lake States .....	27,714	31,653	27.90	28.90	40,845	45,078	41.30	41.30
Corn Belt .....	55,808	57,136	34.70	38.10	96,120	107,050	44.30	45.80
Appalachian .....	524,219	587,948	12.20	12.80	26,559	24,458	38.70	38.40
Southeast .....	1,214,705	1,299,372	11.80	12.10	109,805	113,664	34.80	39.30
Delta States .....	1,006,465	1,082,261	14.50	15.10	43,550	45,309	33.10	36.20
Southern Plains .....	220,788	242,956	26.30	28.90	28,408	28,035	36.10	37.10
Pacific .....	169,298	194,430	21.40	21.30	64,685	66,916	40.60	42.50
U.S. ....	3,879,339	4,197,758	14.60	15.20	491,578	518,953	39.10	40.90

<sup>1</sup> Northeast—New England, Delaware, Maryland, New Jersey, New York, Pennsylvania; Lake States—Michigan, Minnesota, Wisconsin; Corn Belt—Illinois, Indiana, Iowa, Missouri, Ohio; Appalachian—Kentucky, North Carolina, Tennessee, Virginia, West Virginia; Southeast—Alabama, Florida, Georgia, South Carolina; Delta States—Arkansas, Mississippi, Louisiana; Southern Plains—Oklahoma, Texas; Pacific—California, Oregon, Washington.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 578.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1965–79

Year	Ratios <sup>1</sup>			Year	Ratios <sup>1</sup>		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed	Broiler-feed	Turkey-feed
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965 .....	8.1	3.3	5.1	1973 .....	7.9	3.3	4.8
1966 .....	9.1	3.3	5.1	1974 .....	7.0	2.6	3.2
1967 .....	7.3	2.9	4.4	1975 .....	7.0	3.2	4.2
1968 .....	8.5	3.2	4.7	1976 .....	7.8	2.8	3.7
1969 .....	10.0	3.4	5.0	1977 .....	7.3	2.7	3.8
1970 .....	<sup>2</sup> 9.3	<sup>2</sup> 2.9	5.0	1978 .....	6.9	3.1	4.6
1971 .....	7.2	2.8	4.6	1979 .....	6.9	2.8	4.2
1972 .....	7.2	2.9	4.5				

<sup>1</sup> Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey live weight. Simple average of monthly ratios.

<sup>2</sup> Beginning 1970, ratio computed on a December through November marketing year rather than a calendar year.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.



Table 579.—Poultry: Slaughtered under Federal inspection, United States, by classes, 1977-79

Class	Number inspected			Pounds inspected (live weight)		
	1977	1978	1979	1977	1978	1979
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens .....	3,334,126	3,516,411	3,843,323	12,740,713	13,656,047	15,111,418
Mature chickens .....	192,817	190,869	201,013	827,522	821,763	894,544
Total chickens .....	3,526,943	3,707,280	4,044,336	13,568,235	14,477,810	16,005,962
Young turkeys .....	117,857	123,943	136,209	2,285,684	2,418,733	2,643,203
Old turkeys .....	962	997	1,111	19,600	20,600	22,542
Fryer-roaster turkeys .....	9,432	6,861	8,791	87,105	64,112	82,514
Total turkeys .....	128,251	131,801	146,112	2,392,389	2,503,445	2,748,261
Ducks .....	13,749	15,418	17,541	85,334	95,403	108,180
Other poultry .....				8,729	9,140	8,542
Total poultry .....				16,054,687	17,085,798	18,870,940

  

Class	Pounds certified (ready-to-cook)			Pounds condemned		
				Ante-mortem (live weight)		
	1977	1978	1979	1977	1978	1979
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens .....	9,227,288	9,883,206	10,915,516	50,488	65,101	68,944
Mature chickens .....	512,081	508,838	555,524	8,640	9,844	11,695
Total chickens .....	9,739,319	10,392,044	11,471,040	59,128	74,945	80,639
Young turkeys .....	1,808,442	1,916,929	2,099,480	5,651	6,882	7,484
Old turkeys .....	15,029	15,994	17,433	105	116	142
Fryer-roaster turkeys .....	69,005	50,553	64,885	212	196	241
Total turkeys .....	1,892,476	1,983,476	2,181,799	5,968	7,194	7,867
Ducks .....	59,458	66,079	74,855	61	58	83
Other poultry .....	5,356	5,811	5,252	38	28	40
Total poultry .....	11,696,609	12,447,410	13,732,950	65,195	82,225	88,629

  

Class	Pounds condemned-Continued		
	Post-mortem (New York dressed weight)		
	1977	1978	1979
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens .....	210,019	229,568	272,606
Mature chickens .....	32,577	30,490	32,600
Total chickens .....	242,596	260,058	305,206
Young turkeys .....	46,317	50,663	52,810
Old turkeys .....	968	712	879
Fryer-roaster turkeys .....	996	911	1,318
Total turkeys .....	48,281	52,286	55,007
Ducks .....	1,720	1,834	1,959
Other poultry .....	99	84	114
Total poultry .....	292,697	314,262	362,226

**Table 580.—Poultry: Inspected for further processing and cut up under Federal inspection, United States, 1965–79**

Year	Young chickens		Mature chickens		Turkeys			Other poultry <sup>2</sup>		Total poultry	
	Further processed	Cut up	Further processed	Cut up	Further processed		Cut up	Further processed	Cut up	Further processed	Cut up
					Whole <sup>1</sup>	Other					
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 .....	138,645	1,000,957	310,068	11,289	252,935	97,248	43,068	739	744,716	1,110,233	
1966 .....	178,321	1,108,830	302,236	7,506	334,732	121,337	59,434	890	874,723	1,238,563	
1967 .....	219,596	1,289,210	346,856	7,450	318,146	114,540	78,681	1,161	963,279	1,412,361	
1968 .....	254,016	1,390,418	377,878	6,492	382,754	135,077	72,208	1,717	1,086,856	1,533,704	
1969 .....	272,282	1,628,309	376,909	9,708	493,755	159,563	82,958	4,102	1,225,904	1,801,682	
1970 .....	337,292	1,842,594	392,404	8,608	479,427	190,713	83,274	2,230	1,292,397	2,044,145	
1971 .....	382,804	2,056,747	427,977	5,445	562,493	198,299	85,213	3,502	1,458,487	2,263,998	
1972 .....	436,999	2,316,644	465,675	5,735	639,112	299,777	96,637	2,575	1,638,423	2,624,731	
1973 .....	485,339	2,443,143	481,253	5,413	790,841	262,702	115,121	1,446	1,872,554	2,712,704	
1974 .....	495,659	2,465,624	423,278	6,885	386,963	509,397	295,444	706	1,905,009	2,768,659	
1975 .....	540,640	2,582,072	356,247	9,926	371,623	536,224	312,764	87,500	1,892,234	2,905,245	
1976 .....	643,443	3,113,600	435,859	8,202	446,215	607,724	387,067	117,270	684	2,250,511	3,509,553
1977 .....	715,839	3,521,522	417,921	10,495	459,294	665,452	426,125	129,547	2,115	2,388,053	3,960,257
1978 .....	830,229	3,717,089	453,299	10,898	500,892	710,438	466,067	127,358	2,339	2,622,216	4,196,893
1979 .....	989,120	3,988,043	472,933	4,260	537,739	799,653	525,905	138,212	1,174	2,937,657	4,519,382

<sup>1</sup> Whole carcass turkeys which have been injected, basted, marinated, smoked, or barbecued, and packaged as such. Beginning 1974, "Whole" and "Other" estimated separately.

<sup>2</sup> Poultry parts and fat used in further processing that cannot be identified by class are included in "Other poultry."

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 581.—Poultry and poultry products: Cold-storage holdings, first of month, United States, 1978 and 1979**

Month	Shell eggs		Frozen eggs		Turkeys		Total poultry <sup>1</sup>	
	1978	1979	1978	1979	1978	1979	1978	1979
	1,000 cases	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January .....	33	22	27,043	25,477	168,266	170,674	304,559	279,803
February .....	27	18	25,503	24,490	136,577	154,713	262,724	258,198
March .....	25	24	22,903	21,095	113,004	135,687	233,352	238,882
April .....	36	20	22,910	21,724	101,084	128,032	209,665	235,584
May .....	29	27	22,205	21,639	103,851	153,126	213,287	267,731
June .....	26	24	26,643	22,844	152,830	200,906	256,995	327,845
July .....	26	32	27,986	25,897	213,626	272,488	325,802	411,015
August .....	48	28	28,687	24,744	301,160	382,474	415,886	527,046
September .....	43	31	28,679	24,088	373,251	432,261	488,928	589,597
October .....	23	24	27,640	25,602	425,433	445,528	538,337	610,034
November .....	35	24	25,606	23,428	236,204	281,208	346,418	436,578
December .....	38	38	25,296	23,359	175,097	240,039	280,138	386,944

<sup>1</sup> Includes stocks of turkeys and other poultry.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 582.—Chickens and turkeys: Number classified as "U.S. Pullorum-Typhoid Clean," and number and percentage of reactors, United States, 1965-78

Year beginning July	Chicken tests				Turkey tests			
	States reporting	Chickens in tested flocks (first test)	Reactors		States reporting	Turkeys in tested flocks (first test)	Reactors	
	Number	Thousands	Number	Percent	Number	Number	Number	Percent
1965 .....	47	34,261	410	0.0012	47	4,121,626	0	0.0000
1966 .....	47	33,327	381	.0010	47	4,397,268	2	.00005
1967 .....	47	33,591	741	.0020	47	3,482,049	19	.00005
1968 .....	47	33,613	100	.0005	47	3,127,850	0	.0000
1969 .....	47	33,890	162	.0009	47	3,145,147	6	.0003
1970 .....	45	38,049	107	.0007	45	3,382,259	0	.0000
1971 .....	46	32,233	55	.0005	46	3,086,063	0	.0000
1972 .....	47	28,925	87	.0009	47	3,191,301	0	.0000
1973 .....	47	26,744	88	.0012	47	3,256,168	0	.0000
1974 .....	47	25,133	165	.0029	47	2,888,688	0	.0000
1975 .....	47	26,699	38	.0008	47	2,891,148	0	.0000
1976 .....	47	26,846	90	.0019	47	2,693,782	0	.0000
1977 .....	47	30,313	12	.0002	47	2,496,872	0	.0000
1978 .....	47	33,506	1	.0000	47	2,984,142	0	.0000

Animal and Plant Health Inspection Service.

Table 583.—Turkey breeder hens: Number, value per head, and total value, by States, Dec. 1, 1977-79

State	Number			Value per head			Total value		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
	1,000 head	1,000 head	1,000 head	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ark .....	57	.....	.....	14.00	.....	.....	798	.....	.....
Calif .....	500	550	553	8.90	10.60	12.40	4,450	5,830	6,857
Ga .....	46	47	61	9.10	10.70	13.00	419	503	793
Ill .....	50	59	( <sup>1</sup> )	14.00	18.00	( <sup>1</sup> )	700	1,062	( <sup>1</sup> )
Iowa .....	85	98	76	11.00	11.90	13.00	935	1,166	988
Mich .....	52	40	44	10.80	16.00	13.00	562	640	572
Minn .....	480	593	633	10.70	13.50	12.80	5,136	8,006	8,102
Mo .....	220	230	300	12.00	12.00	16.60	2,640	2,760	4,980
Nebr .....	8	16	( <sup>1</sup> )	8.50	10.50	( <sup>1</sup> )	68	168	( <sup>1</sup> )
N.C .....	420	495	620	13.60	11.90	10.90	5,712	5,891	6,758
Ohio .....	104	120	130	13.50	14.00	15.60	1,404	1,680	2,028
Oreg .....	45	63	74	9.40	14.10	15.30	423	888	1,132
Pa .....	17	48	61	12.50	15.50	15.50	213	744	946
S.C .....	39	15	( <sup>1</sup> )	12.00	11.00	( <sup>1</sup> )	468	165	( <sup>1</sup> )
Tex .....	460	475	533	11.00	13.00	15.50	5,060	6,175	8,262
Va .....	149	168	168	13.60	13.10	13.20	2,026	2,201	2,218
W. Va .....	28	15	14	10.00	13.50	13.30	280	203	186
Wis .....	70	75	( <sup>1</sup> )	6.80	7.50	( <sup>1</sup> )	476	563	( <sup>1</sup> )
Other States <sup>1</sup> .....	208	263	433	12.60	13.60	14.70	2,620	3,577	6,365
Total <sup>2</sup> .....	3,038	3,370	3,700	11.32	12.53	13.56	34,390	42,222	50,187

<sup>1</sup>Colorado, Indiana, Kansas, Nebraska, New York, North Dakota, Oklahoma, and Washington combined to avoid disclosing individual operations for 1978 and 1979.<sup>2</sup>Major producing States.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 584.—Turkey breeder hens: Number, value per head, and total value, Dec. 1, 1969–79<sup>1</sup>**

Year	Number	Value per head	Total value	Year	Number	Value per head	Total value	Year	Number	Value per head	Total value
	<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969 .....	3,331	5.97	19,882	1973 .....	3,148	9.47	32,378	1977 .....	3,038	11.32	34,390
1970 .....	3,173	5.82	18,459	1974 .....	2,970	9.81	29,126	1978 .....	3,370	12.53	42,222
1971 .....	2,999	6.18	18,525	1975 .....	3,014	10.81	32,580	1979 <sup>2</sup> ....	3,700	13.56	50,187
1972 .....	3,135	6.46	20,242	1976 .....	3,069	11.12	34,119				

<sup>1</sup> Major producing States. <sup>2</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 585.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1965–79**

Year	Production	Commercial storage at beginning of year	Exports and shipments to Territories	Commercial storage at end of year	Consumption		
					Military	Civilian	
						Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1965 .....	1,515	207	58	200	40	1,424	7.4
1966 .....	1,674	200	47	267	56	1,504	7.8
1967 .....	1,870	267	49	367	53	1,668	8.6
1968 .....	1,611	367	41	317	63	1,557	7.9
1969 .....	1,606	317	40	192	48	1,643	8.3
1970 .....	1,729	192	43	219	49	1,610	8.0
1971 .....	1,772	219	27	223	41	1,700	8.3
1972 .....	1,909	223	22	208	42	1,840	8.9
1973 .....	1,933	208	54	281	31	1,775	8.5
1974 .....	1,921	281	53	275	14	1,870	8.9
1975 .....	1,833	275	53	195	19	1,811	8.6
1976 .....	2,059	195	71	203	18	1,961	9.2
1977 .....	2,023	203	56	168	11	1,991	9.3
1978 .....	2,098	168	57	175	15	2,019	9.3
1979 <sup>1</sup> .....	2,345	175	57	240	19	2,204	10.1

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 586.—Turkeys: Production, disposition, and gross income, United States, 1965–79**

Year	Number				Pounds (live weight)		Price per pound live weight	Value of turkeys produced	Gross income
	Raised <sup>1</sup>	Lost <sup>2</sup>	Pro-duced <sup>3</sup>	Sold	Produced	Sold			
	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	105,914	211	105,703	104,898	1,915,331	1,900,703	22.2	434,449	421,295
1966 .....	116,538	253	116,285	115,379	2,123,484	2,106,970	23.1	489,596	485,750
1967 .....	126,577	263	126,314	126,846	2,343,359	2,353,937	19.5	457,710	459,581
1968 .....	106,709	197	106,512	107,254	2,014,589	2,027,934	20.5	413,921	416,738
1969 .....	106,736	207	106,529	106,351	2,023,315	2,026,709	22.4	454,633	454,115
1970 .....	116,139	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	2,197,916	( <sup>4</sup> )	22.6	( <sup>4</sup> )	497,815
1971 .....	119,657	.....	.....	.....	2,255,614	.....	22.1	.....	499,576
1972 .....	128,664	.....	.....	.....	2,423,618	.....	22.2	.....	536,945
1973 .....	132,231	.....	.....	.....	2,451,848	.....	38.2	.....	985,882
1974 .....	131,909	.....	.....	.....	2,437,121	.....	28.0	.....	683,164
1975 .....	124,165	.....	.....	.....	2,276,504	.....	34.8	.....	793,271
1976 .....	139,961	.....	.....	.....	2,605,321	.....	31.7	.....	824,839
1977 .....	136,359	.....	.....	.....	2,562,285	.....	35.5	.....	910,223
1978 .....	133,879	.....	.....	.....	2,653,397	.....	43.6	.....	1,156,556
1979 <sup>5</sup> .....	156,529	.....	.....	.....	2,958,791	.....	41.1	.....	1,214,916

See footnotes on page 409.



Table 587.—Turkeys: Production and gross income, by States, 1979

State	Number raised <sup>1</sup>	Pounds produced	Price per pound <sup>2</sup>	Gross income <sup>3</sup>
	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ark .....	13,340	234,784	39.0	91,566
Calif .....	18,855	377,100	41.0	154,611
Colo .....	3,885	98,679	41.0	40,458
Conn .....	46	929	65.0	604
Del .....	348	6,786	42.0	2,850
Ga .....	2,516	61,894	40.0	24,758
Ill .....	516	10,423	44.0	4,586
Ind .....	5,640	101,520	42.0	42,638
Iowa .....	6,160	133,056	41.0	54,553
Kans .....	184	4,048	40.0	1,619
Md .....	118	2,301	42.0	966
Mass .....	140	2,800	65.0	1,820
Mich .....	1,200	31,200	45.0	14,040
Minn .....	24,666	414,389	40.0	165,756
Mo .....	10,950	211,335	42.0	88,761
Nebr .....	654	12,164	42.0	5,109
N.H .....	36	760	65.0	494
N.J .....	59	1,298	57.0	740
N.Y .....	227	4,427	42.0	1,859
N.C .....	23,100	397,320	41.0	162,901
N. Dak .....	1,020	16,320	43.0	7,018
Ohio .....	2,350	53,345	41.0	21,871
Okla .....	1,890	35,910	42.0	15,082
Oreg .....	1,265	24,541	42.0	10,307
Pa .....	4,740	85,320	46.0	39,247
S.C .....	2,998	74,051	39.0	28,880
S. Dak .....	1,253	24,559	40.0	9,824
Tex .....	8,000	152,000	40.0	60,800
Utah .....	2,921	68,644	47.0	32,263
Va .....	9,174	160,545	40.0	64,218
W. Va .....	2,633	47,394	40.0	18,958
Wis .....	5,645	108,949	42.0	45,759
Other States <sup>4</sup> .....	.....	.....	.....	.....
U.S. ....	156,529	2,958,791	41.1	1,214,916

<sup>1</sup>Based on turkeys hatched from Sept. 1 to Aug. 1. Excludes turkeys lost.

<sup>2</sup>Live-weight equivalent price.

<sup>3</sup>Includes home consumption which is less than 1 percent of total production.

<sup>4</sup>Alabama, Arizona, Florida, Kentucky, Montana, New Mexico, Washington, and Wyoming combined to avoid disclosing individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 586

<sup>1</sup>Total poults hatched less death loss of poults and young turkeys during the year.

<sup>2</sup>Death loss during the year of breeder hens on hand Jan. 1.

<sup>3</sup>Turkeys raised less death loss during the year of breeder hens on hand Jan. 1.

<sup>4</sup>Not available after 1969.

<sup>5</sup>Preliminary

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 588.—Turkeys: Poults hatched by commercial hatcheries, by breeds, United States, 1965–79

Year	Heavy white breeds <sup>1</sup>	All other heavy breeds <sup>1</sup>	Total all heavy breeds <sup>2</sup>	Light breeds <sup>3</sup>	Total all breeds
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965 .....	53,709	49,581	103,290	13,588	116,878
1966 .....	69,046	43,479	112,525	18,424	130,949
1967 .....			122,210	16,354	138,564
1968 .....			100,249	13,866	114,115
1969 .....			103,279	11,990	115,269
1970 .....			116,021	13,722	129,743
1971 .....			115,379	13,224	128,603
1972 .....			125,512	16,067	141,579
1973 .....			128,906	16,679	145,585
1974 .....			125,559	14,420	140,019
1975 .....			121,158	15,918	137,076
1976 .....			130,980	18,494	149,474
1977 .....			136,029	12,354	148,383
1978 .....			148,838	8,689	157,527
1979 .....			166,014	13,955	179,969

<sup>1</sup> Estimates discontinued as of January 1967.<sup>2</sup> Birds for which the normal mature marketing live weight is 12 pounds or over.<sup>3</sup> Birds for which the normal mature marketing live weight is less than 12 pounds.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 589.—Turkeys: Poults hatched by commercial hatcheries, by breeds, by States, 1978 and 1979<sup>1</sup>

State	Heavy breeds <sup>2</sup>		Light breeds <sup>3</sup>		Total all breeds	
	1978	1979	1978	1979	1978	1979
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Calif .....	20,151	22,329	39	103	20,190	22,432
Colo .....					4,689	
Ga .....					1,293	
Ill .....	1,105		0		1,105	
Iowa .....	5,329		0		5,329	
Minn .....	26,256	27,360	4,997	7,201	31,253	34,561
Mo .....		13,803			13,168	13,803
N.C .....	19,897		1,864		21,761	25,901
Ohio .....					9,317	
Okla .....	371		0		371	
Pa .....	1,859	2,060	17	229	1,876	2,289
Texas .....	9,401		0		9,401	9,733
Va .....	6,385		1,571		7,956	
Wis .....					5,310	
Other States <sup>4</sup> .....	24,340	67,575	168	3,675	24,508	71,250
U.S .....	148,838	166,014	8,689	13,955	157,527	179,969

<sup>1</sup> Heavy and light breeds not published in some States in order to avoid disclosing individual operations.<sup>2</sup> Birds for which the normal mature marketing live weight is 12 pounds or over.<sup>3</sup> Birds for which the normal mature marketing live weight is less than 12 pounds.<sup>4</sup> Alabama, Arkansas, Florida, Indiana, Kansas, Maryland, Massachusetts, Michigan, Nebraska, New Hampshire, New Jersey, New York, Oregon, Rhode Island, South Carolina, Utah, and Washington combined to avoid disclosing individual operations for 1978. Included are Colorado, Georgia, Illinois, Iowa, Ohio, Oklahoma, Virginia, and Wisconsin for 1979.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 590.—Eggs: Number of hens and pullets, rate of lay, and production, by States, 1978 and 1979<sup>1</sup>

State	1978			1979		
	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs produced	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs produced
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>
Ala .....	13,794	241	3,329	13,785	239	3,300
Alaska .....	21	214	4.5	25	256	6.4
Ariz .....	527	235	124	433	252	109
Ark .....	16,713	239	4,002	17,108	241	4,123
Calif .....	35,767	235	8,412	37,005	235	8,713
Colo .....	2,339	228	533	2,044	235	481
Conn .....	3,784	237	897	4,046	232	938
Del .....	590	219	129	587	221	130
Fla .....	12,305	240	2,954	13,049	244	3,189
Ga .....	23,813	238	5,662	25,067	242	6,067
Hawaii .....	1,007	216	218	1,039	220	229
Idaho .....	911	226	206	869	221	192
Ill .....	5,772	239	1,380	5,525	244	1,347
Ind .....	14,417	239	3,447	14,871	238	3,536
Iowa .....	8,152	235	1,914	7,921	233	1,849
Kans .....	2,150	238	511	2,027	238	483
Ky .....	2,449	226	553	2,506	233	583
La .....	2,688	224	603	2,747	219	601
Maine .....	7,597	252	1,916	7,504	257	1,926
Md .....	1,359	230	313	1,420	230	327
Mass .....	1,413	241	341	1,387	244	339
Mich .....	6,395	234	1,497	6,278	237	1,491
Minn .....	9,021	243	2,189	9,063	241	2,183
Miss .....	7,084	239	1,696	6,900	240	1,653
Mo .....	5,338	247	1,320	5,685	242	1,376
Mont .....	797	242	193	754	236	178
Nebr .....	3,472	225	780	3,518	228	802
Nev .....	12	192	2.3	10	180	1.8
N.H .....	879	253	222	884	247	218
N.J .....	1,716	219	375	1,483	231	342
N. Mex .....	1,484	242	359	1,519	242	368
N.Y .....	7,488	246	1,845	7,158	247	1,767
N.C .....	12,738	242	3,081	13,263	238	3,155
N. Dak .....	409	232	95	383	233	89
Ohio .....	9,100	235	2,140	9,038	243	2,199
Okla .....	2,612	234	612	3,154	239	754
Oreg .....	2,344	237	555	2,438	242	590
Pa .....	13,731	250	3,436	15,138	253	3,836
R.I .....	221	231	51.0	248	239	59.2
S.C .....	5,681	248	1,409	6,252	250	1,561
S. Dak .....	2,551	221	565	2,320	221	512
Tenn .....	4,016	243	974	4,043	247	998
Tex .....	11,263	234	2,630	11,879	235	2,795
Utah .....	1,680	235	395	1,660	232	385
Vt .....	490	245	120	438	253	111
Va .....	3,748	236	885	4,057	231	939
Wash .....	4,751	236	1,121	4,933	238	1,172
W. Va .....	665	232	154	755	236	178
Wis .....	4,117	236	973	3,926	232	911
Wyo .....	88	199	17.5	75	191	14.3
U.S .....	281,478	239	67,140	288,186	240	69,107

<sup>1</sup> Estimates for a Dec. 1 through Nov. 30 marketing year.<sup>2</sup> Number of eggs produced during the year divided by the average number of hens and pullets of laying age on hand during the year.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 591.—Eggs: Production in specified countries, 1977-79

Continent and country	1977	1978	1979 <sup>1</sup>	Continent and country	1977	1978	1979 <sup>1</sup>
North America:	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	Europe—Continued	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
Canada .....	5,503	5,510	5,478	Czechoslovakia .....	4,689	4,680	4,910
Mexico .....	8,240	9,980	10,950	Hungary .....	4,528	4,755	4,600
United States .....	64,888	67,278	69,227	Poland .....	8,494	8,531	8,980
Total .....	78,631	82,768	85,655	Romania .....	6,000	6,299	6,750
South America:				Yugoslavia .....	4,041	4,062	4,200
Argentina .....	3,072	3,300	3,350	Total Eastern Europe ...	27,702	28,327	29,440
Brazil .....	6,252	6,624	7,200	Total Europe .....	112,829	113,872	116,671
Peru .....	1,230	875	800	Soviet Union .....	61,000	64,470	65,000
Venezuela .....	1,910	2,046	2,107	Asia and Oceania:			
Total .....	12,464	12,845	13,457	Hong Kong .....	66	68	64
Europe:				Japan .....	31,880	32,803	33,500
Belgium and Luxembourg ..	3,848	3,788	3,675	Turkey .....	3,966	4,100	4,200
Denmark .....	1,173	1,218	1,332	Australia <sup>2</sup> .....	3,308	3,434	3,330
France .....	13,080	13,530	13,800	Total .....	38,720	40,405	41,094
Germany, Fed. Rep. of ....	14,781	14,321	14,000	Grand total .....	303,644	314,360	321,877
Ireland .....	660	648	590				
Italy .....	11,309	11,010	11,100				
Netherlands .....	5,994	7,049	8,000				
United Kingdom .....	14,100	14,250	13,950				
Total EC .....	64,945	65,814	66,447				
Austria .....	1,567	1,675	1,720				
Finland .....	1,495	1,328	1,252				
Greece .....	2,240	2,365	2,372				
Norway .....	632	647	653				
Portugal .....	949	1,014	1,095				
Spain .....	10,862	10,177	11,194				
Sweden .....	1,717	1,785	1,768				
Switzerland .....	720	740	730				
Total Western Europe ....	85,127	85,545	87,231				

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 592.—Eggs: Production, disposition, cash receipts, and gross income, United States, 1965-79

Year	Hens and pullets, average number during year	Rate of lay per layer during year <sup>1</sup>	Eggs			Price per dozen	Cash receipts (sales)	Value of eggs consumed on production units	Gross income <sup>2</sup>
			Total produced	Consumed on production units	Sold				
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	301,053	218	65,560	2,056	63,504	33.7	1,784,898	55,752	1,840,650
1966 .....	303,832	218	66,205	1,612	64,593	39.1	2,105,841	50,686	2,156,527
1967 .....	313,717	221	69,327	1,558	67,769	31.3	1,764,933	38,878	1,803,811
1968 .....	309,824	220	68,156	1,393	66,763	34.0	1,892,800	38,016	1,930,816
1969 .....	306,836	220	67,546	1,172	66,374	40.0	2,212,189	38,178	2,250,367
1970 <sup>3</sup> .....	312,759	218	68,212	953	67,259	39.1	2,190,339	30,348	2,220,687
1971 .....	312,886	223	69,649	789	68,860	31.4	1,800,746	20,038	1,820,784
1972 .....	304,504	227	69,219	692	68,527	30.9	1,763,899	16,982	1,780,881
1973 .....	290,588	227	66,089	627	65,412	52.5	2,859,253	26,517	2,885,770
1974 .....	284,732	230	65,620	580	65,040	53.2	2,884,478	25,044	2,909,522
1975 .....	278,101	232	64,626	536	64,090	52.4	2,796,785	22,490	2,819,275
1976 .....	274,134	235	64,511	502	64,009	58.3	3,109,916	23,556	3,133,472
1977 .....	274,871	235	64,600	475	64,125	55.6	2,973,332	21,342	2,994,674
1978 .....	281,478	239	67,140	457	66,683	52.2	2,900,451	19,262	2,919,713
1979 <sup>4</sup> .....	288,186	240	69,107	437	68,670	58.3	3,334,652	20,587	3,355,239

See footnotes on page 414.



Table 593.—Eggs: Production, disposition, cash receipts and gross income, by States, 1979 (preliminary)<sup>1</sup>

State	Eggs produced	Consumed on production units	Eggs sold	Price per dozen	Cash receipts (sales)	Value of eggs consumed on production units <sup>2</sup>	Gross income <sup>3</sup>
	Millions	Millions	Millions	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Ala	3,300	14	3,286	65.7	179,909	767	180,676
Alaska	6.4	(*)	6.4	125.0	667	.....	667
Ariz	109	5	108.5	48.0	4,340	20	4,360
Ark	4,123	12	4,111	63.5	217,540	635	218,175
Calif	8,713	5	8,708	50.8	368,639	212	368,851
Colo	481	6	475	55.0	21,771	275	22,046
Conn	938	1	937	77.2	60,280	64	60,344
Del	130	5	129.5	73.2	7,900	31	7,931
Fla	3,189	4	3,185	49.0	130,054	163	130,217
Ga	6,067	7	6,060	66.5	335,825	388	336,213
Hawaii	229	(*)	229	73.4	14,007	.....	14,007
Idaho <sup>5</sup>	192	4	188	50.0	7,833	167	8,000
Ill	1,347	11	1,336	57.2	63,683	524	64,207
Ind	3,536	12	3,524	58.1	170,620	581	171,201
Iowa	1,849	19	1,830	44.0	67,100	697	67,797
Kans	483	13	470	49.0	19,192	531	19,723
Ky	583	22	561	55.0	25,713	1,008	26,721
La	601	9	592	70.2	34,632	527	35,159
Maine	1,926	1	1,925	68.7	110,206	57	110,263
Md	327	4	323	72.9	19,622	243	19,865
Mass	339	1	338	73.8	20,787	62	20,849
Mich	1,491	14	1,477	50.0	61,542	583	62,125
Minn	2,183	18	2,165	49.3	88,945	740	89,685
Miss	1,653	7	1,646	68.3	93,685	398	94,083
Mo	1,376	17	1,359	54.0	61,155	765	61,920
Mont <sup>5</sup>	178	7	171	62.5	8,906	365	9,271
Nebr	802	15	787	43.2	28,332	540	28,872
Nev	1.8	.7	1.1	51.5	47	30	77
N.H.	218	1	217	70.6	12,767	59	12,826
N.J.	342	1	341	63.0	17,903	53	17,956
N. Mex	368	1	367	61.0	18,656	51	18,707
N.Y.	1,767	12	1,755	54.4	79,560	544	80,104
N.C.	3,155	19	3,136	66.1	172,741	1,047	173,788
N. Dak	89	10	79	38.0	2,502	317	2,819
Ohio	2,199	18	2,181	52.4	95,237	786	96,023
Okl	754	14	740	63.5	39,158	741	39,899
Oreg	590	10	580	53.8	26,003	443	26,451
Pa	3,836	18	3,818	55.7	177,219	836	178,055
R.I.	59.2	(*)	59.2	72.5	3,577	.....	3,577
S.C.	1,561	8	1,553	59.7	77,262	398	77,660
S. Dak	512	14	498	38.0	15,770	443	16,213
Tenn	998	12	986	58.6	48,150	586	48,736
Tex	2,795	36	2,759	65.9	151,515	1,977	153,492
Utah	385	2	383	45.0	14,363	75	14,438
Vt	111	2	109	83.1	7,548	139	7,687
Va	939	11	928	66.3	51,272	608	51,880
Wash	1,172	5	1,167	50.9	49,500	212	49,712
W. Va	178	6	172	69.4	9,947	347	10,294
Wis	911	10	901	53.9	40,470	449	40,919
Wyo	14.3	2	12.3	58.5	600	98	698
U.S.	69,107	437	68,670	58.3	3,334,652	20,587	3,355,239

<sup>1</sup>Data cover both farm and commercial operations. Annual production, disposition, cash receipts, and gross income estimates for eggs are computed on a Dec. 1 through Nov. 30 marketing year.

<sup>2</sup>Valued at same price as eggs sold.

<sup>3</sup>Cash receipts plus value of home consumption may not add to gross income due to rounding.

<sup>4</sup>Less than one-half million eggs.

<sup>5</sup>Included are eggs destroyed because of possible PCB contamination.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 594.—Eggs: Supply, distribution, and per capita consumption, United States, 1965-79<sup>1</sup>**

Year	Total egg production	Storage at beginning of the year <sup>2</sup>	Imports <sup>2</sup>	Exports and shipments to Territories <sup>2</sup>	Eggs used for hatching	Consumption			
						Storage at end of the year <sup>2</sup>	Military <sup>2</sup>	Civilian	
								Total	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1965 .....	5,463	46	( <sup>3</sup> )	39	336	41	93	5,000	313
1966 .....	5,517	41	14	43	365	28	102	5,034	312
1967 .....	5,777	28	4	55	358	71	110	5,215	321
1968 .....	5,680	71	5	46	361	56	108	5,185	316
1969 .....	5,629	56	9	41	389	34	83	5,147	310
1970 .....	5,704	34	27	45	402	39	78	5,201	309
1971 .....	5,806	39	10	44	389	58	60	5,304	312
1972 .....	5,742	58	1	56	391	53	64	5,237	304
1973 .....	5,502	53	13	49	392	34	42	5,051	291
1974 .....	5,461	34	13	57	366	42	38	5,005	286
1975 .....	5,382	42	5	62	372	28	43	4,924	280
1976 .....	5,377	28	3	65	409	21	45	4,868	274
1977 .....	5,407	21	14	91	429	24	36	4,862	272
1978 .....	5,607	24	11	120	463	20	28	5,011	278
1979 <sup>4</sup> .....	5,769	20	10	104	489	19	25	5,162	284

<sup>1</sup> Calendar years.<sup>2</sup> Shell eggs and the approximate shell-egg equivalent of egg product.<sup>3</sup> Less than 500,000 dozen.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 595.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1970-79**

Year	Large	Year	Large	Year	Large
	Cents		Cents		Cents
1970 .....	47.49	1974 .....	64.49	1978 .....	61.68
1971 .....	39.95	1975 .....	63.93	1979 .....	68.15
1972 .....	41.61	1976 .....	70.33		
1973 .....	65.63	1977 .....	63.27		

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 592

<sup>1</sup> Number of eggs produced during the year divided by the average of hens and pullets of laying age on hand during the year.<sup>2</sup> Value of sales plus value of eggs consumed in households of producers.<sup>3</sup> Annual production, disposition, cash receipts, and gross income estimates for eggs were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.<sup>4</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 596.—Eggs: Products under Federal inspection, United States, fiscal years 1978 and 1979

Item	Quantity		Item	Quantity	
	1978	1979		1978	1979
Shell eggs broken .....	1,000 dozen 688,717	1,000 dozen 687,447	Frozen product produced: <sup>3</sup>	1,000 pounds	1,000 pounds
Edible liquid from shell eggs broken:			Whole plain .....	148,293	150,476
Whole .....	415,123	433,072	Whole blends .....	61,640	58,448
White .....	257,861	246,421	White .....	57,277	50,476
Yolk .....	176,712	162,200	Yolk plain .....	16,061	11,085
Total .....	849,696	841,693	Yolk blends .....	68,480	60,173
Inedible liquid from shell eggs broken ..	51,330	55,272	Total .....	351,751	330,658
Liquid egg used in processing: <sup>1</sup>			Dried product produced: <sup>3</sup>		
Whole .....	482,861	508,118	Whole plain .....	11,090	8,953
White .....	354,490	341,114	Whole blends .....	22,892	28,635
Yolk .....	192,906	176,735	White .....	19,181	18,971
Total .....	1,030,257	1,025,967	Yolk plain .....	14,639	14,783
Ingredients added in processing <sup>2</sup> .....	34,950	37,278	Yolk blends .....	6,688	5,850
Liquid product produced for immediate consumption and processing: <sup>3</sup>			Total .....	74,490	77,192
Whole plain .....	142,441	151,142			
Whole blends .....	57,134	63,722			
White .....	140,368	137,113			
Yolk plain .....	19,246	16,373			
Yolk blends .....	41,792	42,488			
Total .....	400,981	410,838			

<sup>1</sup> Includes frozen eggs used for processing. Excludes ingredients added.<sup>2</sup> Includes all non-egg ingredients added.<sup>3</sup> Includes ingredients added.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## CHAPTER IX

### FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm resources, farm income, and expenses. Many of the series are estimates developed in connection with economic research activities of the Department.

For convenience the tables have been arranged in general groups. These groups, with the beginning table indicated, are as follows:

Economic trends table 597.

Farm property, table 598.

Population and employment, table 616.

Farm production and distribution, table 625.

Price and income, table 641.

Costs and expenses, table 658.

**Table 597.—Economic trends: Data relating to agriculture, United States, 1965–79**

Year	Prices paid by farmers		Prices received by farmers	Farm income			
	Total including interest, taxes, and wage rates	Com-modities only		Gross farm income <sup>1</sup>	Produc-tion expenses	Net income	
						Current dollars	1967 dollars
	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1965 .....	94	96	98	46.5	33.6	12.9	13.6
1966 .....	99	99	106	50.5	36.5	14.0	14.4
1967 .....	100	100	100	50.5	38.2	12.3	12.3
1968 .....	103	102	102	51.8	39.5	12.3	11.8
1969 .....	108	106	107	56.4	42.1	14.3	13.0
1970 .....	112	110	110	58.6	44.4	14.2	12.2
1971 .....	118	115	113	62.0	47.4	14.6	12.1
1972 .....	125	122	125	71.0	52.3	18.7	14.9
1973 .....	144	142	179	98.9	65.6	33.3	25.1
1974 .....	164	161	192	98.3	72.2	26.1	17.7
1975 .....	180	177	185	100.3	75.9	24.5	15.2
1976 .....	192	187	186	101.8	83.1	18.7	11.0
1977 .....	202	196	183	108.1	90.3	17.8	9.8
1978 .....	219	212	210	126.9	100.8	26.1	13.3
1979 .....	250	241	241	149.6	118.6	31.0	14.2

See footnotes at end of table.



Table 597.—Economic trends: Data relating to agriculture, United States 1965-79—Continued

Year	Farm real estate value <sup>2</sup>	Farm real estate debt	Volume of agricultural exports	Volume of agricultural imports	National income <sup>3</sup>	Disposable personal income <sup>3</sup>	Industrial production <sup>4</sup>	Consumer prices all items <sup>5</sup>	Producer prices all commodities <sup>5</sup>
	<i>Index numbers 1967 = 100</i>	<i>Million dollars</i>	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>	<i>Index numbers 1967 = 100</i>
1965 .....	86	18,984	101	95	566.0	472.2	89.8	94.5	96.6
1966 .....	93	21,187	107	101	622.2	510.4	97.8	97.2	99.8
1967 .....	100	23,077	100	100	655.8	544.5	100.0	100.0	100.0
1968 .....	107	25,142	100	112	714.4	588.1	106.3	104.2	102.5
1969 .....	113	27,397	94	105	767.9	630.4	111.1	109.8	106.5
1970 .....	117	29,183	111	110	798.4	685.9	107.8	116.3	110.4
1971 .....	122	30,346	111	113	858.1	742.8	109.6	121.3	114.0
1972 .....	132	32,208	129	118	951.9	801.3	119.7	125.3	119.1
1973 .....	150	35,758	166	121	1,064.6	901.7	129.8	133.1	134.7
1974 .....	187	41,253	155	115	1,136.0	984.6	129.3	147.7	160.1
1975 .....	213	46,288	156	123	1,215.0	1,086.7	117.8	161.2	174.9
1976 .....	242	51,069	174	139	1,359.8	1,184.5	130.5	170.5	183.0
1977 .....	283	56,560	177	138	1,525.8	1,305.1	138.2	181.5	194.2
1978 .....	308	63,642	<sup>6</sup> 212	<sup>6</sup> 128	1,724.3	1,458.4	146.1	195.4	209.3
1979 .....	351	70,833	<sup>6</sup> 225	<sup>6</sup> 132	1,924.8	1,624.3	152.2	217.4	235.5

<sup>1</sup>Includes cash receipts from marketings, government payments, nonmoney income (gross rental value of home consumption), other income (machine hire and custom work), and value of change in farm inventories.

<sup>2</sup>Farmland and buildings per acre as of Mar. 1 through 1975; as of Feb. 1 beginning 1976.

<sup>3</sup>U.S. Department of Commerce.

<sup>4</sup>Federal Reserve Board.

<sup>5</sup>U.S. Department of Labor.

<sup>6</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics.

Table 598.—Farms: Number, land in farms, and average size of farm, U.S., 1975-80<sup>1</sup>

Year	Farms	Land in farms	Average size of farm
	<i>Number</i>	<i>1,000 acres</i>	<i>Acres</i>
1975 .....	2,491,010	1,062,723	427
1976 .....	2,454,220	1,059,148	432
1977 .....	2,409,130	1,054,798	438
1978 .....	2,370,050	1,052,018	444
1979 .....	2,332,690	1,049,063	450
1980 <sup>2</sup> .....	2,309,130	1,046,713	453

<sup>1</sup>A farm is defined as a place having annual sales of agriculture products of \$1,000 or more.

<sup>2</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 599.—Farms: Number and land in farms, by States, 1979 and 1980<sup>1</sup>

State	Farms		Land in farms	
	1979	1980 <sup>2</sup>	1979	1980 <sup>2</sup>
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
Ala .....	54,000	54,000	13,200	13,100
Alaska <sup>3</sup> .....	300	310	1,680	1,700
Ariz .....	5,800	5,700	40,500	40,400
Ark .....	57,000	57,000	16,800	16,800
Calif .....	60,000	60,000	32,300	32,300
Colo .....	26,300	25,500	38,000	37,700
Conn .....	3,700	3,800	450	450
Del .....	3,000	3,000	620	620
Fla .....	35,000	35,000	13,800	13,800
Ga .....	54,000	54,000	15,700	16,000
Hawaii .....	3,900	4,000	2,290	2,290
Idaho .....	23,400	23,500	15,500	15,500
Ill .....	107,000	105,000	28,700	28,600
Ind .....	89,000	88,000	16,900	16,900
Iowa .....	121,000	119,000	34,000	34,000
Kans .....	72,000	72,000	48,200	48,200
Ky .....	96,000	94,000	14,400	14,300
La .....	35,000	34,500	10,300	10,200
Maine .....	7,800	8,000	1,640	1,640
Md .....	16,200	16,400	2,800	2,780
Mass .....	5,000	5,200	650	650
Mich .....	63,000	63,000	10,600	10,500
Minn .....	104,000	104,000	30,300	30,300
Miss .....	52,000	48,000	14,700	14,500
Mo .....	118,000	117,000	32,300	32,300
Mont .....	21,700	21,500	62,000	62,000
Nebr .....	64,000	63,000	47,800	47,800
Nev .....	2,000	2,000	8,990	8,990
N.H .....	3,100	3,200	580	580
N.J .....	7,600	7,700	990	990
N. Mex .....	11,200	11,100	46,700	46,700
N.Y .....	45,000	44,000	10,000	9,800
N.C .....	99,000	98,000	12,300	12,300
N. Dak .....	40,500	40,000	41,690	41,690
Ohio .....	97,000	96,000	16,300	16,200
Okla .....	73,000	71,000	35,000	34,500
Oreg .....	30,500	30,500	18,650	18,600
Pa .....	61,000	61,000	9,000	9,000
R.I .....	690	720	63	63
S.C .....	35,000	35,000	6,500	6,500
S. Dak .....	41,500	41,000	45,450	45,450
Tenn .....	94,000	92,000	13,700	13,600
Tex .....	161,000	159,000	138,700	138,400
Utah .....	12,200	12,000	12,800	12,600
Vt .....	6,100	6,300	1,740	1,740
Va .....	59,000	60,000	9,700	9,700
Wash .....	33,500	33,500	16,100	16,100
W. Va .....	19,500	19,500	4,180	4,180
Wis .....	95,000	94,000	18,700	18,600
Wyo .....	7,200	7,200	35,100	35,100
U.S .....	2,332,690	2,309,130	1,049,063	1,046,713

<sup>1</sup> A farm is defined as a place having annual sales of agricultural products of \$1,000 or more.<sup>2</sup> Preliminary.<sup>3</sup> Exclusive of grazing land leased from U.S. Government, Alaska farmland totals about 70,000 acres.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 602

<sup>1</sup> Cropland harvested, crop failure, and cultivated summer fallow.<sup>2</sup> Grassland and other nonforest pasture and range.<sup>3</sup> Excludes reserved forest land in parks and other special uses of land. Includes forested grazing land.<sup>4</sup> Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, farm roads and lanes, and miscellaneous other uses.<sup>5</sup> Remeasurement and increases in reservoirs account for changes in total land area except for the major increase in 1959 when data for Alaska and Hawaii were added.

Economics, Statistics, and Cooperatives Service—Economics. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 600.—Farms: Classification by tenure of operator, United States, 1880-1974

Year	Farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1880 .....	4,008,907	.....	.....	.....	25.6	.....
1890 .....	4,564,641	.....	.....	.....	28.4	.....
1900 .....	5,739,657	55.8	7.9	1.0	35.3	.....
1910 .....	6,361,502	52.7	9.3	.9	37.0	.....
1920 .....	6,453,991	52.2	8.7	1.1	38.1	17.5
1925 .....	6,371,640	52.0	8.7	.6	38.6	19.9
1930 <sup>1</sup> .....	6,295,103	46.3	10.4	.9	42.4	24.1
1935 .....	6,812,350	47.1	10.1	.7	42.1	20.9
1940 <sup>1</sup> .....	6,102,417	50.6	10.1	.6	38.8	18.0
1945 .....	5,859,169	56.4	11.3	.7	31.7	15.5
1950 <sup>1</sup> .....	5,388,437	57.4	15.3	.4	26.9	13.1
1954 .....	4,782,416	57.2	17.9	.4	24.4	11.6
1959 <sup>1</sup> .....	3,710,503	57.1	21.9	.6	20.5	7.4
1964 <sup>1</sup> .....	3,157,857	57.6	24.8	.6	17.1	.....
1969 <sup>1</sup> .....	2,730,250	62.5	24.6	.....	12.9	.....
1974 <sup>1</sup> .....	2,314,013	61.5	27.2	.....	11.3	.....

<sup>1</sup> Includes Alaska and Hawaii.

Economics, Statistics, and Cooperatives Service—Economics. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 601.—Land in farms: Classification by tenure of operator, United States, 1880-1974

Year	Land in farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
	<i>Acres</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1880 .....	536,081,835	.....	.....	.....	.....	.....
1890 .....	623,218,619	.....	.....	.....	.....	.....
1900 .....	841,201,546	51.3	14.9	10.7	23.2	.....
1910 .....	878,798,325	52.9	15.2	6.1	25.8	.....
1920 .....	958,676,612	48.3	18.4	5.7	27.7	6.4
1925 .....	924,319,352	45.4	21.3	4.7	28.7	7.1
1930 <sup>1</sup> .....	990,111,984	37.6	24.9	6.4	31.0	9.2
1935 .....	1,054,515,111	37.1	25.2	5.8	31.9	7.9
1940 <sup>1</sup> .....	1,065,113,774	35.9	28.2	6.5	29.4	6.3
1945 .....	1,141,615,364	36.1	32.5	9.3	22.0	5.0
1950 <sup>1</sup> .....	1,161,419,720	36.1	36.4	9.2	18.3	3.6
1954 .....	1,160,043,854	34.2	40.7	8.6	16.6	2.4
1959 <sup>1</sup> .....	1,123,378,059	30.8	44.8	9.8	14.9	1.4
1964 <sup>1</sup> .....	1,110,187,000	28.7	48.0	10.2	13.1	.....
1969 <sup>1</sup> .....	1,062,892,501	35.3	51.8	.....	13.0	.....
1974 <sup>1</sup> .....	1,017,030,357	35.3	52.6	.....	12.0	.....

<sup>1</sup> Includes Alaska and Hawaii.

Economics, Statistics, and Cooperatives Service—Economics. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 602.—Land utilization, United States, selected years, 1910-74

Major land uses	1910	1920	1930	1940	1950	1959	1969	1974
	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>
Cropland used for crops <sup>1</sup> ..	330	368	382	368	377	359	333	361
Idle cropland .....	23	34	31	31	32	33	51	21
Cropland used only for pasture .....	84	78	67	68	69	66	88	83
Grassland pasture <sup>2</sup> .....	693	652	652	650	631	633	604	598
Forest land <sup>3</sup> .....	600	602	601	608	601	728	723	718
Special uses <sup>4</sup> .....	.....	.....	.....	.....	.....	147	174	182
Other land .....	174	170	171	179	194	305	291	301
Total land area <sup>5</sup> .....	1,904	1,904	1,904	1,904	1,904	2,271	2,264	2,264

See footnotes on page 418.

Table 603.—Land utilization, by States, 1974

State	Cropland			Grassland pasture <sup>2</sup>	Forest land <sup>3</sup>	Special use areas <sup>4</sup>	Other land	Total land area
	Used for crops <sup>1</sup>	Idle	Used only for pasture					
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Ala .....	3,243	419	2,135	2,917	21,333	1,768	637	32,452
Alaska .....	17	6	2	1,625	118,076	32,902	209,888	362,516
Ariz .....	1,310	218	117	40,941	17,420	8,709	3,872	72,587
Ark .....	7,296	521	2,469	2,559	18,236	1,566	598	33,245
Calif .....	9,276	463	1,404	23,910	39,826	16,292	8,900	100,071
Colo .....	9,159	508	1,292	29,274	19,887	3,238	3,552	66,410
Conn .....	163	15	56	46	1,846	661	325	3,112
Del .....	513	12	21	8	390	186	138	1,281
D.C .....						39		39
Fla .....	2,732	380	1,086	6,026	17,652	5,647	1,095	34,618
Ga .....	4,764	556	1,828	1,731	24,869	2,766	653	37,167
Hawaii .....	151	169	37	1,018	1,626	842	269	4,112
Idaho .....	5,272	249	874	20,840	18,030	4,078	3,570	52,913
Ill .....	22,502	652	1,856	1,834	3,745	3,211	1,879	35,679
Ind .....	11,978	678	1,423	1,487	3,870	2,041	1,625	23,102
Iowa .....	24,134	425	3,630	2,152	2,430	1,968	1,063	35,802
Kans .....	26,821	909	3,895	15,950	1,363	2,210	1,196	52,344
Ky .....	4,339	571	4,487	2,013	11,888	1,519	559	25,376
La .....	4,037	595	1,427	2,270	15,342	1,731	3,353	28,755
Maine .....	456	96	101	142	17,505	779	710	19,789
Md .....	1,525	110	258	209	2,925	1,028	275	6,330
Mass .....	193	16	55	52	2,848	1,208	637	5,009
Mich .....	6,567	869	909	1,241	19,000	3,867	3,910	36,363
Minn .....	20,519	1,394	1,993	1,954	18,415	4,004	2,466	50,745
Miss .....	5,467	764	2,478	2,620	16,892	1,281	767	30,269
Mo .....	12,842	947	6,692	6,610	12,661	2,321	2,084	44,157
Mont .....	14,504	372	1,145	49,465	19,899	4,633	3,158	93,176
Nebr .....	19,724	412	3,274	22,137	1,032	1,618	752	48,949
Nev .....	564	36	153	46,673	7,255	7,235	8,412	70,328
N.H .....	120	11	43	34	5,046	304	219	5,777
N.J .....	569	62	83	54	1,856	1,598	591	4,813
N. Mex .....	1,553	207	542	50,525	17,256	5,325	2,295	77,703
N.Y .....	4,396	461	1,228	1,580	14,897	5,502	2,548	30,612
N.C .....	4,849	628	1,099	1,050	20,223	2,731	651	31,231
N. Dak .....	27,275	753	2,270	10,628	419	1,532	1,562	44,339
Ohio .....	10,457	733	1,515	1,610	6,422	2,983	2,504	26,224
Okl .....	10,731	449	4,651	16,235	9,296	2,029	629	44,020
Oreg .....	4,242	219	815	23,172	29,387	2,655	1,067	61,557
Pa .....	4,437	470	1,023	1,026	17,638	3,714	470	28,778
R.I .....	22	2	5	5	395	190	52	671
S.C .....	2,610	251	704	667	12,402	1,599	1,111	19,344
S. Dak .....	16,655	255	2,770	24,670	1,700	1,590	971	48,611
Tenn .....	4,439	436	3,501	1,899	12,820	2,193	1,162	26,450
Tex .....	24,383	2,275	11,280	95,803	24,043	6,852	3,130	167,766
Utah .....	1,426	132	438	23,711	14,720	5,185	6,929	52,541
Vt .....	543	36	233	234	4,384	263	238	5,931
Va .....	2,685	315	1,690	1,819	16,076	2,127	747	25,459
Wash .....	7,470	209	688	6,679	20,534	5,337	1,688	42,605
W. Va .....	771	107	739	717	12,126	568	377	15,405
Wis .....	9,538	566	1,762	2,095	14,891	2,664	3,341	34,857
Wyo .....	2,101	69	560	46,016	5,885	5,375	2,204	62,210
U.S .....	361,340	21,008	82,736	597,833	718,177	181,664	300,829	2,263,587

<sup>1</sup> Cropland harvested, crop failure, and cultivated summer fallow.<sup>2</sup> Grassland and other nonforest pasture and range.<sup>3</sup> Excludes reserved forest land in parks and other special uses of land. Includes forested grazing land.<sup>4</sup> Includes urban and transportation areas, Federal and States areas used primarily for recreation and wildlife purposes, military areas, farmsteads, farm roads and lanes, and miscellaneous other uses.

Economics, Statistics, and Cooperatives Service—Economics. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.



Table 604.—Land in farms:<sup>1</sup> Irrigated land, by States, 1939-74

State	1939	1944	1949	1954	1959	1964	1969	1974
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Ala .....	(2)	(2)	(2)	17	17	12	11	14
Alaska .....						(2)	1	1
Ariz .....	575	736	964	1,177	1,152	1,125	1,178	1,153
Ark .....	159	239	422	858	712	974	1,010	949
Calif .....	4,277	4,952	6,438	7,048	7,396	7,240	7,749	
Colo .....	2,468	2,699	2,872	2,263	2,685	2,690	2,895	2,874
Conn .....	1	(2)	8	12	5	14	9	7
Del .....	(2)	(2)	(2)	6	16	18	20	20
Fla .....	126	222	365	428	414	1,217	1,365	1,559
Ga .....	(2)	(2)	3	24	34	64	79	112
Hawaii .....	(3)	(3)	117	(3)	141	144	146	142
Idaho .....	1,895	2,026	2,137	2,325	2,577	2,802	2,761	2,859
Ill .....	(2)	(2)	2	7	10	14	51	54
Ind .....	1	1	5	12	17	17	34	33
Iowa .....	2	1	1	2	18	22	21	39
Kans .....	83	96	139	332	762	1,004	1,522	2,010
Ky .....	(2)	(2)	(2)	13	9	14	20	11
La .....	414	536	577	708	485	581	702	702
Maine .....	(2)	(2)	2	1	2	4	6	6
Md .....	(2)	(2)	1	8	11	16	22	23
Mass .....	2	11	19	23	20	24	19	19
Mich .....	3	3	14	23	40	49	77	97
Minn .....	3	(2)	4	9	15	18	36	78
Miss .....	(2)	(2)	5	132	100	123	150	162
Mo .....	1	1	2	33	30	59	156	150
Mont .....	1,588	1,555	1,717	1,891	1,875	1,893	1,841	1,759
Nebr .....	474	632	876	1,171	2,078	2,169	2,857	3,967
Nev .....	756	674	727	567	543	825	753	778
N.H. ....	(2)	(2)	1	1	1	3	2	2
N.J. ....	8	12	28	59	74	96	72	89
N. Mex .....	436	535	655	650	732	813	823	867
N.Y. ....	6	10	19	59	58	79	55	55
N.C. ....	(2)	(2)	2	25	66	97	59	51
N. Dak .....	20	23	35	38	48	51	63	71
Ohio .....	5	4	6	15	12	17	22	22
Okla .....	4	2	34	108	198	302	524	515
Oreg .....	1,030	1,129	1,307	1,490	1,384	1,608	1,519	1,561
Pa .....	3	9	7	18	17	23	19	18
R.I. ....	(2)	(2)	2	1	(2)	1	2	2
S.C. ....	(2)	(2)	6	22	25	19	15	10
S. Dak .....	54	53	78	90	116	130	148	152
Tenn .....	(2)	(2)	1	23	11	11	12	10
Tex .....	895	1,320	3,123	4,707	5,656	6,385	6,888	6,594
Utah .....	911	1,124	1,138	1,073	1,062	1,092	1,025	970
Vt .....	0	(2)	(2)	1	2	2	(2)	1
Va .....	1	1	3	22	31	51	37	28
Wash .....	494	520	589	778	1,007	1,150	1,224	1,309
W. Va .....	(2)	(2)	(2)	1	1	2	3	2
Wis .....	2	5	10	18	32	62	106	128
Wyo .....	1,234	1,354	1,432	1,263	1,470	1,571	1,523	1,460
U.S. ....	17,983	20,539	25,905	29,552	33,164	37,057	39,122	41,243
P.R. ....	(2)	(3)	(3)	(3)	76	89	91	70
V.I. ....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Total .....	17,983	20,539	25,905	29,552	33,240	37,145	39,213	41,313

<sup>1</sup>Data may not add because of rounding.<sup>2</sup>Less than 500 acres.<sup>3</sup>Not available.

Economics, Statistics, and Cooperatives Service—Economics. Data from the Census of Agriculture, U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 606

<sup>1</sup>Land and buildings.<sup>2</sup>Excludes Alaska and Hawaii. Data as of the first day of month specified.

Economics, Statistics, and Cooperatives Service—Economics.

Table 605.—Farm real estate: Value of farmland and buildings by farm production regions, 1965-80<sup>1</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1965	9,195	12,022	37,431	17,184	13,191	11,019
1966	9,580	12,585	41,384	18,729	14,016	11,513
1967	10,024	13,462	44,860	20,233	14,940	11,989
1968	10,477	14,178	47,091	21,819	15,866	12,571
1969	11,190	15,116	48,983	22,917	16,680	13,531
1970	12,290	15,786	49,504	23,102	17,267	14,452
1971	12,884	16,317	50,462	23,442	18,272	15,513
1972	13,969	17,351	53,342	24,844	19,655	16,822
1973	15,813	20,021	59,552	27,885	22,090	18,794
1974	19,348	24,063	75,062	35,457	26,346	23,894
1975	21,144	27,735	85,827	42,643	27,215	24,967
1976	23,091	32,031	104,893	49,955	30,043	26,103
1977	25,133	39,365	137,854	57,017	32,929	27,948
1978	27,282	44,379	150,666	58,494	35,593	29,940
1979	30,328	51,090	172,627	67,967	40,988	32,976
1980	33,632	59,237	196,400	77,571	44,867	38,511

  

Year	Delta States	Southern Plains	Mountain	Pacific	48 States
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1965	8,797	21,326	14,073	22,741	166,980
1966	9,736	22,238	15,208	23,673	178,663
1967	10,236	23,346	16,094	23,846	188,529
1968	11,022	25,009	16,954	24,113	199,099
1969	11,786	26,289	17,575	24,504	208,572
1970	12,412	27,552	18,413	24,264	215,042
1971	12,674	28,982	19,729	24,049	222,324
1972	13,754	31,744	21,904	25,271	238,656
1973	15,088	35,896	24,567	26,535	266,241
1974	18,161	43,879	30,803	29,556	326,569
1975	18,373	44,741	33,740	32,745	359,130
1976	19,291	49,086	37,676	34,322	406,291
1977	20,849	52,615	42,071	35,479	471,260
1978	23,475	57,994	44,952	39,128	511,903
1979	27,112	64,570	50,267	45,822	583,757
1980	33,085	74,891	57,249	52,127	667,570

<sup>1</sup> As of Mar. 1 in 1965-75 and as of Feb. 1 in 1976-80. Data are derived by multiplying average value per acre of farm real estate by the land in farms.

Economics, Statistics, and Cooperatives Service—Economics.

Table 606.—Farm real estate: Index numbers of average value per acre, United States, 1965-80<sup>1,2</sup> [1967 = 100]

Date	Index	Date	Index	Date	Index
1965:		1971:		1977:	
Mar	86	Mar	122	Feb	283
Nov	90	Nov	127	Nov	296
1966:		1972:		1978:	
Mar	93	Mar	132	Feb	308
Nov	98	Nov	141	Nov	332
1967:		1973:		1979:	
Mar	100	Mar	150	Feb	351
Nov	105	Nov	170	Nov	379
1968:		1974:		1980:	
Mar	107	Mar	187	Feb	401
Nov	111	Nov	204		
1969:		1975:			
Mar	113	Mar	213		
Nov	116	Nov	228		
1970:		1976:			
Mar	117	Feb	242		
Nov	120	Nov	267		

See footnotes on page 421.

**Table 607.—Farm real estate: Index numbers of average value per acre, by States, 1976-80<sup>1</sup>**  
 [1967 = 100]

State	1976	1977	1978	1979	1980	State	1976	1977	1978	1979	1980
Ala.....	258	275	288	328	407	Nev. <sup>2</sup> .....	307	307	341	272	305
Ariz. <sup>2</sup> .....	217	227	237	272	305	N.H. <sup>3</sup> .....	278	301	332	365	394
Ark.....	213	238	261	316	379	N.J.....	377	377	387	418	451
Calif.....	136	137	155	191	229	N. Mex. <sup>2</sup> .....	206	227	236	272	305
Colo.....	244	285	305	369	432	N.Y.....	296	313	318	347	368
Conn. <sup>3</sup> .....	278	301	332	365	394	N.C.....	232	246	253	299	323
Del.....	288	334	374	430	503	N. Dak.....	310	349	369	413	475
Fla. <sup>4</sup> .....	237	253	273	303	358	Ohio.....	252	331	373	448	506
Ga.....	299	322	357	386	432	Okla.....	234	258	284	312	368
Idaho.....	264	296	320	349	399	Oreg.....	242	254	277	302	293
Ill.....	260	353	390	441	476	Pa.....	350	422	471	537	591
Ind.....	244	321	361	415	477	R.I. <sup>3</sup> .....	278	301	332	365	394
Iowa.....	294	397	413	475	556	S.C.....	284	311	319	341	368
Kans.....	235	267	270	310	353	S. Dak.....	241	287	336	380	432
Ky.....	239	281	317	374	415	Tenn.....	251	275	307	338	375
La.....	201	218	251	286	369	Texas.....	213	228	252	282	327
Maine <sup>3</sup> .....	278	301	332	365	394	Utah <sup>2</sup> .....	261	289	305	272	305
Md.....	299	316	368	420	525	Vt. <sup>3</sup> .....	278	301	332	365	394
Mass. <sup>3</sup> .....	278	301	332	365	394	Va.....	278	302	327	386	421
Mich.....	201	256	287	319	364	Wash.....	213	249	268	297	312
Minn.....	294	369	413	483	570	W. Va.....	398	417	426	498	548
Miss.....	205	217	249	279	338	Wis.....	271	322	381	446	513
Mo.....	241	284	325	364	440	Wyo.....	254	273	285	322	345
Mont.....	278	321	355	394	461						
Nebr.....	271	307	295	360	410	48 States.....	242	283	308	351	401

<sup>1</sup> All farmlands with improvements as of Feb. 1.

<sup>2</sup> New Mexico, Arizona, Utah, Nevada, weighted together beginning in 1979.

<sup>3</sup> Based on an average for the six New England States.

<sup>4</sup> Value indexed up by the average of the percentage change in Alabama and Georgia index values beginning 1973.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 608.—Farm transfers: Estimated number by various methods per 1,000 of all farms, United States, 1965-80<sup>1</sup>**  
 [Number per thousand]

Year <sup>2</sup>	Voluntary sales	Foreclosures <sup>3</sup>	Tax sales	All other sales <sup>4</sup>	Total	Year <sup>2</sup>	Voluntary sales	Foreclosures <sup>3</sup>	Tax sales	All other sales <sup>4</sup>	Total
1965.....	30.3	1.4	0.4	14.3	46.4	1973.....	41.0	1.3	.....	13.5	55.9
1966.....	31.1	.9	.6	13.7	46.3	1974.....	41.2	.9	.....	16.2	58.3
1967.....	30.9	.8	.2	12.6	44.5	1975.....	32.3	1.3	.....	14.2	47.8
1968.....	30.4	1.1	.2	12.5	44.2	1976.....	28.1	1.5	.....	13.1	42.7
1969.....	30.6	1.0	.3	12.9	44.8	1977.....	28.0	1.4	.....	13.6	43.0
1970.....	27.8	1.6	.....	12.0	41.4	1978.....	26.9	2.0	.....	12.8	41.7
1971.....	28.7	1.4	.....	12.6	42.7	1979.....	25.9	1.1	.....	12.6	39.6
1972.....	34.0	1.4	.....	12.5	47.9	1980.....	26.2	1.1	.....	12.7	40.0

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Years ending Mar. 1 in 1965-75 and Feb. 1 in 1976-80.

<sup>3</sup> Includes foreclosures, assignments, bankruptcies, and related defaults.

<sup>4</sup> Includes inheritances and gifts, administrators' and executors' sales, and miscellaneous or unclassified sales.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 609.—Farm transfers: Number per 1,000 of all farms by type and farm production regions, 1971-80**  
*[Number per thousand]*

Type of transfer and year <sup>1</sup>	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States <sup>2</sup>
<b>Voluntary sales and trades:<sup>3</sup></b>											
1971 .....	37.4	36.0	24.8	19.2	24.2	30.1	21.9	30.4	33.8	40.5	28.7
1972 .....	35.9	39.5	35.2	26.0	27.9	30.6	23.4	40.9	42.5	48.3	34.0
1973 .....	42.7	42.3	40.7	32.5	35.6	43.3	31.0	46.3	49.3	61.1	41.0
1974 .....	37.9	44.3	43.0	32.1	34.0	32.6	34.2	52.6	53.9	58.9	41.2
1975 .....	33.1	40.3	30.4	22.8	26.4	28.7	29.3	33.6	40.8	58.2	32.3
1976 .....	32.2	33.6	27.3	19.4	26.5	17.0	22.3	32.6	35.9	43.8	28.1
1977 .....	26.1	31.3	29.5	18.7	25.8	25.4	28.0	22.1	32.4	51.6	28.0
1978 .....	33.6	28.0	29.2	18.0	25.2	20.1	20.4	23.7	34.8	44.7	26.9
1979 .....	26.5	26.8	26.7	21.1	22.9	21.0	23.8	21.8	32.3	48.1	25.9
1980 .....	31.7	28.6	24.1	23.0	23.9	22.9	22.8	21.3	37.5	45.2	26.2
<b>Foreclosure of mortgages, bankruptcy, etc.:</b>											
1971 .....	2.2	1.5	1.2	1.1	.5	1.2	1.4	.7	2.1	4.4	1.4
1972 .....	1.7	1.5	1.0	1.3	1.1	1.5	2.0	.2	2.0	3.6	1.4
1973 .....	2.1	2.4	.9	.9	.8	.8	1.1	.7	3.2	3.0	1.3
1974 .....	.8	1.0	.6	.5	.6	.3	1.7	.9	1.4	2.6	.9
1975 .....	2.2	.6	.8	.7	.9	1.1	1.3	1.7	2.5	5.3	1.3
1976 .....	1.6	1.6	.6	.5	1.4	.4	3.1	2.4	1.8	4.7	1.5
1977 .....	2.8	1.4	.6	1.0	.5	2.5	2.0	1.6	2.3	3.2	1.4
1978 .....	2.0	3.3	1.4	1.7	1.2	2.1	2.0	2.2	2.3	4.3	2.0
1979 .....	1.2	1.5	.6	1.2	1.2	1.0	1.4	1.0	1.6	1.9	1.1
1980 .....	1.7	1.6	.9	1.2	.4	1.2	1.2	.9	2.3	.8	1.1
<b>Inheritances and gifts:</b>											
1971 .....	4.3	2.1	4.9	4.2	4.7	7.2	4.9	5.5	4.0	4.3	4.7
1972 .....	1.7	2.1	4.6	4.7	6.2	4.7	5.0	5.9	3.1	4.9	4.4
1973 .....	3.2	2.0	4.5	4.4	5.2	4.5	4.4	4.9	2.2	4.4	4.2
1974 .....	6.2	2.1	5.3	6.0	6.5	6.5	7.6	10.9	3.1	3.7	6.0
1975 .....	5.8	2.6	4.6	3.4	7.2	4.1	5.2	11.0	2.7	3.6	5.4
1976 .....	5.9	2.3	4.7	3.8	6.9	6.5	5.5	11.2	3.5	3.8	5.6
1977 .....	3.8	3.4	6.6	5.0	6.2	7.5	9.9	7.2	5.4	3.6	6.0
1978 .....	4.0	2.1	6.2	4.1	7.9	7.1	5.1	6.5	3.2	3.6	5.4
1979 .....	4.0	1.8	5.0	4.1	7.5	7.7	5.3	5.4	3.4	3.6	5.0
1980 .....	3.9	2.3	4.9	4.5	6.5	7.4	7.5	6.6	3.3	2.7	5.1
<b>Administrators' and executors' sales:<sup>4</sup></b>											
1971 .....	6.1	5.7	7.3	8.1	6.5	7.5	6.2	6.6	3.9	5.0	6.6
1972 .....	4.8	5.3	9.2	8.9	8.2	4.5	3.4	7.6	5.7	4.5	6.8
1973 .....	7.5	6.2	10.0	8.3	10.0	6.7	8.1	8.0	3.9	4.5	8.1
1974 .....	6.2	5.3	9.4	9.2	9.2	8.6	11.2	8.0	4.9	7.2	8.3
1975 .....	7.4	7.1	7.6	6.7	7.4	5.3	9.8	8.0	5.1	4.6	7.2
1976 .....	5.3	4.7	8.2	6.5	6.8	5.7	5.4	6.6	4.5	3.8	6.3
1977 .....	6.6	4.4	7.7	7.1	7.6	5.6	9.7	4.6	4.7	4.8	6.5
1978 .....	6.2	4.2	7.0	7.7	8.7	6.8	3.6	5.2	3.3	5.3	6.3
1979 .....	7.6	5.4	7.2	7.0	8.6	7.1	5.6	4.5	3.2	4.9	6.5
1980 .....	6.0	3.5	7.6	8.0	8.5	6.0	4.8	6.1	3.1	5.7	6.5
<b>Total, all classes<sup>5</sup></b>											
1971 .....	54.1	46.5	39.2	33.9	36.9	47.7	34.6	43.5	45.2	55.5	42.7
1972 .....	45.7	50.5	51.3	42.1	44.5	43.2	34.8	55.9	55.1	61.9	47.9
1973 .....	57.7	54.3	57.2	46.9	52.8	56.0	45.8	60.7	60.3	75.1	55.9
1974 .....	53.2	54.9	60.4	49.2	51.6	48.9	56.8	76.2	64.1	74.1	58.3
1975 .....	49.7	52.1	44.5	34.2	43.6	40.1	47.3	58.6	53.2	72.9	47.8
1976 .....	46.5	42.9	42.1	31.1	42.6	30.0	37.0	55.4	47.1	57.7	42.7
1977 .....	41.8	41.9	45.4	32.7	41.2	41.7	50.0	36.2	47.1	64.8	43.0
1978 .....	47.0	38.7	44.4	32.5	44.1	36.6	32.7	38.9	44.7	60.5	41.7
1979 .....	40.8	36.0	40.4	34.9	42.1	37.4	37.3	32.8	41.9	60.5	39.6
1980 .....	45.2	36.4	38.2	38.0	41.4	37.8	37.1	36.1	47.3	56.0	40.0

<sup>1</sup> Years ending Mar. 1 in 1971-75 and Feb. 1 in 1976-80. <sup>2</sup> Excludes Alaska and Hawaii. <sup>3</sup> Includes contracts to

purchase, but not options. <sup>4</sup> Includes all other sales in settlement of estates. <sup>5</sup> Includes miscellaneous and unclassified.



Table 610.—Farm assets and claims: Comparative balance sheet of the farming sector, United States, Jan. 1, 1965–80

Item	1965	1966	1967	1968	1969	1970	1971	1972
<b>ASSETS</b>								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate .....	167.5	179.2	189.1	199.7	209.2	215.8	223.2	239.6
Non-real-estate:								
Livestock <sup>1</sup> .....	14.5	17.6	19.0	18.9	20.2	23.5	23.7	27.3
Machinery and motor vehicles .....	24.8	26.0	27.4	29.8	31.3	32.3	34.4	36.6
Crops stored on and off farms <sup>2</sup> .....	9.2	9.7	10.0	9.6	10.6	10.9	10.7	11.8
Household furnishings and equipment .....	8.4	8.4	8.3	8.8	9.4	9.6	10.0	10.8
Financial assets:								
Deposits and currency .....	9.6	10.0	10.3	10.9	11.5	11.9	12.4	13.2
United States savings bonds .....	4.2	4.0	3.9	3.8	3.8	3.7	3.6	3.7
Investments in cooperatives .....	5.6	5.9	6.2	6.5	6.8	7.2	8.0	8.8
Total <sup>3</sup> .....	243.8	260.8	274.2	288.0	302.8	314.9	326.0	351.8
<b>CLAIMS</b>								
Liabilities:								
Real-estate debt .....	18.9	21.2	23.1	25.1	27.4	29.2	30.3	32.2
Non-real-estate debt to—								
Commodity Credit Corporation <sup>4</sup> .....	1.6	1.4	1.2	1.4	2.7	2.7	1.9	2.3
Other reporting institutions <sup>5</sup> .....	10.0	11.1	12.4	13.8	14.6	15.8	17.4	19.6
Nonreporting creditors <sup>6</sup> .....	6.3	7.0	7.4	7.1	5.8	5.3	4.9	5.0
Total liabilities <sup>3</sup> .....	36.8	40.7	44.1	47.4	50.5	53.0	54.5	59.1
Proprietors' equities .....	207.0	220.1	230.1	240.6	252.3	261.9	271.5	292.7
Total <sup>3</sup> .....	243.8	260.8	274.2	288.0	302.8	314.9	326.0	351.8
<b>ASSETS</b>								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate .....	267.3	327.7	360.4	407.7	473.0	513.7	586.1	671.2
Non-real-estate:								
Livestock <sup>1</sup> .....	34.1	42.4	24.5	29.4	29.0	31.9	51.3	61.2
Machinery and motor vehicles .....	39.3	44.2	55.7	64.0	71.9	77.5	85.4	94.3
Crops stored on and off farms <sup>2</sup> .....	14.5	22.1	23.3	21.3	22.0	24.9	28.4	34.2
Household furnishings and equipment .....	11.9	12.3	12.8	13.0	13.8	15.6	18.0	20.5
Financial assets:								
Deposits and currency .....	14.0	14.9	14.0	14.5	14.8	15.2	15.5	15.9
United States savings bonds .....	4.0	4.1	3.8	3.9	3.8	3.9	4.2	4.0
Investments in cooperatives .....	9.7	10.8	11.9	13.2	14.1	15.3	16.7	18.6
Total <sup>3</sup> .....	394.8	478.5	506.4	567.0	642.4	698.0	805.6	920.0
<b>CLAIMS</b>								
Liabilities:								
Real-estate debt .....	35.7	41.3	46.3	51.1	56.6	63.7	70.8	82.1
Non-real-estate debt to—								
Commodity Credit Corporation <sup>4</sup> .....	1.8	.7	.3	.3	1.0	4.5	5.3	4.5
Other reporting institutions <sup>5</sup> .....	22.0	26.2	29.2	33.1	37.7	42.7	49.6	59.0
Nonreporting creditors <sup>6</sup> .....	5.8	5.9	6.0	6.3	7.3	8.4	10.4	11.7
Total liabilities <sup>3</sup> .....	65.3	74.1	81.8	90.8	102.6	119.3	136.1	157.3
Proprietors' equities .....	327.5	404.4	424.6	476.2	539.8	578.7	669.5	762.7
Total <sup>3</sup> .....	394.8	478.5	506.4	567.0	642.4	698.0	805.6	920.0

<sup>1</sup> Horses and mules are excluded.<sup>2</sup> Includes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans.<sup>3</sup> Total of rounded data.<sup>4</sup> Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.<sup>5</sup> Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.<sup>6</sup> Loans and credits extended by dealers, merchants, finance companies, individuals, and others.<sup>7</sup> Beginning with 1975, data are for farms included in new farm definition, that is, assets and debts on places with sales less than \$1,000 annually are excluded.<sup>8</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 611.—Production assets: Total used in agriculture, United States, Jan. 1, 1965–80

Year	Total <sup>1</sup>	Average		Year	Total <sup>1</sup>	Average	
		Per farm worker	Per farm			Per farm worker	Per farm
	<i>Billion dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Billion dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1965 .....	193.1	57,552	31,606	1973 .....	322.7	114,304	73,520
1966 .....	208.9	64,130	37,225	1974 .....	394.5	141,161	90,659
1967 .....	221.1	69,977	42,429	1975 <sup>2</sup> .....	392.4	157,518	90,056
1968 .....	233.4	75,994	47,590	1976 .....	444.7	181,207	101,317
1969 .....	245.3	77,144	51,646	1977 .....	510.3	211,850	122,473
1970 .....	256.3	86,904	55,822	1978 .....	553.1	233,369	139,280
1971 .....	265.5	91,488	58,686	1979 .....	627.1	268,777	165,888
1972 .....	286.7	100,257	64,391	1980 <sup>3</sup> .....	719.7	311,712	199,080

<sup>1</sup>Includes farm real estate less value of operators' dwellings; livestock; machinery; motor vehicles less about 75 percent of the value of automobiles and about 26 percent of the value of farm trucks; one-half of the Jan. 1 inventory value of feed crops (excluding those under CCC loan), hay, and forage stored on farms; and working capital needed to meet farm production expenses.

<sup>2</sup>Beginning with 1975, data are for farms included in new farm definition, that is, assets and debts on places with sales less than \$1,000 annually are excluded.

<sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 612.—Livestock: Number and value, United States, Jan. 1, 1978–80

Class of livestock and poultry	Number			Value					
				Per head <sup>2</sup>			Total		
	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>	1978	1979	1980 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle .....	116,375	110,864	110,961	232.00	403.00	502.00	27,055,060	44,661,338	55,723,774
Hogs <sup>3</sup> .....	56,539	60,100	66,950	63.20	83.30	56.30	3,575,279	5,004,269	3,769,706
Sheep and lambs .....	12,348	12,220	12,513	51.50	71.70	77.90	636,083	875,927	974,142
Total <sup>4</sup> .....							31,266,427	50,541,534	60,467,622
Chickens <sup>5</sup> .....	386,429	395,769	399,676	1.69	1.75	1.81	652,308	693,766	724,844
Turkey breeder hens <sup>5</sup>	3,038	3,370	3,700	11.32	12.53	13.56	34,390	42,222	50,187
Total <sup>6</sup> .....							31,953,125	51,277,522	61,242,653

<sup>1</sup>Preliminary.

<sup>2</sup>Based on reporters' estimates of average price per head in their localities.

<sup>3</sup>Dec. 1 of preceding year.

<sup>4</sup>Includes cattle, hogs, and sheep and lambs.

<sup>5</sup>Selected States.

<sup>6</sup>Includes all cattle, hogs, sheep and lambs, and chickens plus turkey breeder hens in 26 major States.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 613.—Farm machinery: Number of specified kinds on farms, and tractor horsepower, Jan. 1, United States, 1965-79

Year	Tractors (exclusive of steam and garden)			Tractor horsepower	Motor-trucks	Grain combines <sup>1</sup>	Corn pickers and picker shellers <sup>2</sup>	Pickup balers <sup>3</sup>	Field forage harvesters <sup>4</sup>
	Total	Wheel	Crawler						
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Millions</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965 .....	4,787	4,601	186	176	3,030	910	690	751	316
1966 .....	4,783	4,594	189	182	3,017	888	686	752	316
1967 .....	4,786	4,593	193	189	3,009	867	680	743	319
1968 .....	4,766	4,570	196	195	3,016	847	673	739	321
1969 .....	4,712	4,513	199	199	3,004	820	657	725	314
1970 .....	4,619	4,416	203	203	2,984	790	635	708	304
1971 .....	4,584	4,391	193	206	2,994	760	630	700	300
1972 .....	4,549	4,366	183	209	3,003	725	625	692	298
1973 .....	4,518	4,345	173	212	3,013	701	621	684	292
1974 .....	4,493	4,329	164	219	3,023	698	618	674	295
1975 .....	4,469	4,311	158	222	3,032	524	615	667	255
1976 .....	4,434	4,281	153	228	3,043	527	610	641	263
1977 .....	4,402	4,260	142	232	3,044	535	605	615	270
1978 .....	4,370	4,230	140	238	3,045	538	602	610	272
1979 <sup>5</sup> .....	4,350	4,210	138	243	3,047	540	600	605	274

<sup>1</sup> Data for 1975 and thereafter are for self-propelled combines only.<sup>2</sup> Includes cornheads of combines.<sup>3</sup> Does not include large balers that produce over 200-pound bales.<sup>4</sup> Data for 1975 and thereafter do not include flail-type forage harvesters.<sup>5</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

## FOOTNOTES FOR TABLE 616

<sup>1</sup> Total population includes Armed Forces overseas.<sup>2</sup> Farm population is defined as all persons living on places of 10 or more acres with at least \$50 worth of agricultural products sold in reporting year, and places of under 10 acres if at least \$250 worth of agricultural products were sold.<sup>3</sup> Starting 1978, the farm population is defined as all persons living on places with \$1,000 or more of agricultural sales in the reporting year.

Economics, Statistics, and Cooperatives Service—Economics and the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 617

<sup>1</sup> Annual averages are the straight averages of the quarterly Multiple Frame Labor Surveys which cover the weeks that include the twelfth of January, April, July, and October.<sup>2</sup> Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.<sup>3</sup> Includes all persons doing farm work for pay during the survey week.<sup>4</sup> Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 614.—Farm machines, selected types: Units manufactured in the United States, 1965-78

Year	Tractor moldboard plows	One-way disk plows or tillers	Chisel plows or tillers (chisel or sweep type)	Field cultivators	Tractor cultivators <sup>1</sup>	Power sprayers and dusters	Crop driers (heated air)
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1965	88,914	3,645	9,732	27,418	52,012	72,545	12,381
1966	109,784	2,332	13,353	30,050	58,878	71,099	14,904
1967	95,936	2,565	17,777	29,088	61,724	65,691	15,277
1968	62,701	1,136	18,568	23,108	53,171	64,705	20,310
1969	39,951	1,186	20,141	22,962	23,146	44,627	8,156
1970	37,894	961	14,946	16,986	25,857	39,298	7,153
1971	34,519	1,016	13,231	14,439	20,451	36,718	13,245
1972	44,914	1,137	18,296	16,766	19,180	37,649	16,997
1973	59,636	1,815	23,817	19,387	36,133	63,359	23,364
1974	60,543	1,066	29,466	25,615	41,450	81,039	34,781
1975	56,659	357	35,898	30,178	48,404	81,835	80,808
1976	52,711	817	38,199	31,942	40,299	55,593	29,904
1977	46,325	278	30,278	26,462	33,999	54,957	41,427
1978	31,940	184	22,591	16,769	31,782	59,353	39,352

  

Year	Side delivery hay rakes	Pick-up hay balers	Field forage harvesters	Combines (harvester threshers)	Corn pickers (field)	Corn picking units (combine attachments) <sup>2</sup>	Cotton strippers
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1965	41,150	55,590	30,568	38,442	13,355	20,723	1,997
1966	43,005	49,212	29,801	46,728	13,232	25,576	1,750
1967	32,467	40,623	34,103	42,003	13,560	22,829	1,138
1968	20,266	33,384	23,646	31,443	13,797	18,616	878
1969	17,002	30,939	21,551	24,015	8,976	16,828	1,846
1970	16,476	30,476	21,190	21,017	6,818	15,855	766
1971	15,863	23,050	18,920	21,229	7,579	20,230	1,483
1972	14,126	27,989	20,248	21,172	7,577	20,642	2,266
1973	19,436	32,656	26,890	25,241	7,937	24,985	2,591
1974	21,010	41,890	25,304	28,644	6,390	29,228	2,612
1975	22,591	49,118	22,792	31,259	4,536	26,741	1,361
1976	21,896	50,151	22,627	31,712	4,404	25,087	1,127
1977	20,323	42,621	18,740	31,943	( <sup>2</sup> )	24,035	1,816
1978	20,620	43,962	16,975	31,843	( <sup>2</sup> )	18,629	1,900

  

Year	Peanut combines	Potato harvesters	Manure spreaders	Power grinders and crushers	Silo <sup>3</sup> unloaders	Milking machines <sup>4</sup>	Mower-conditioners (combination)
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1965	1,933	1,088	34,301	9,687	15,284	23,483	( <sup>2</sup> )
1966	1,995	1,785	37,410	10,773	24,569	20,804	( <sup>2</sup> )
1967	1,841	1,699	39,072	7,875	21,568	16,503	15,468
1968	1,780	737	35,867	5,818	24,897	13,822	14,532
1969	1,760	1,195	39,653	5,585	18,632	13,904	21,110
1970	1,877	1,118	35,461	5,434	19,185	12,141	24,549
1971	2,291	751	29,394	5,377	19,351	12,175	25,455
1972	2,218	628	28,961	5,091	20,908	14,043	21,204
1973	2,236	746	30,615	8,653	27,424	14,826	29,881
1974	2,131	1,183	38,004	7,386	27,822	16,252	37,258
1975	2,647	1,273	29,977	9,080	20,288	10,976	35,539
1976	1,919	1,328	26,239	4,871	21,556	9,303	32,940
1977	1,790	1,005	24,541	6,508	25,899	10,704	27,517
1978	1,572	1,312	23,821	8,838	26,328	11,507	29,921

<sup>1</sup> Row cultivators, tractor-drawn or mounted; beet or field cultivators not included.<sup>2</sup> Not available.<sup>3</sup> Beginning 1969, horizontal silo unloaders not included.<sup>4</sup> Includes only the number of vacuum-pump units for stationary and portable milking machines.

Science and Education Administration. Compiled from reports of the U.S. Department of Commerce.



Table 615.—Farm machines and equipment: Value of shipments, including exports, by classes, United States, 1965-78

Year	Total	Plows and listers	Harrows, rollers, pulverizers and stalk cutters	Planting and fertilizing machinery	Cultivators and weeder	Harvesting machinery	Haying machinery	Machines for preparing crops for market or use
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965 .....	2,618,442	95,597	133,467	140,098	70,641	504,824	145,951	59,450
1966 .....	3,024,463	108,919	158,480	160,987	84,315	480,006	169,061	75,471
1967 .....	3,190,300	111,540	179,625	169,001	89,443	597,531	155,647	97,567
1968 .....	3,062,067	88,872	175,713	146,781	82,372	594,422	136,855	100,415
1969 .....	2,918,900	73,846	158,111	155,005	55,500	523,751	135,753	83,974
1970 .....	2,875,604	76,164	153,354	161,053	62,425	479,118	151,778	85,360
1971 .....	2,996,944	75,974	148,565	156,538	59,629	540,532	147,158	94,219
1972 .....	3,681,626	98,810	188,505	196,517	76,920	643,869	190,239	110,899
1973 .....	4,455,022	130,635	249,018	244,528	104,196	832,482	256,596	171,860
1974 .....	5,959,092	182,301	394,993	354,436	162,786	1,093,207	407,652	254,921
1975 .....	7,046,354	250,134	476,274	480,273	227,440	1,253,430	481,334	262,379
1976 .....	7,525,216	266,660	478,322	516,847	224,013	1,435,307	508,250	233,656
1977 .....	7,986,664	239,151	465,974	550,782	212,634	1,599,722	469,715	308,932
1978 .....	8,188,137	190,844	466,621	499,070	189,439	1,782,295	522,370	356,311

  

Year	Tractors for farm use	Farm wagons and trucks	Sprayers and dusters	Elevators and blowers	Dairy equipment	Poultry equipment	Hog equipment	Other barn and barnyard equipment
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965 .....	1,186,738	51,377	50,938	36,953	30,944	44,802	12,715	53,952
1966 .....	1,445,017	67,822	55,260	43,022	30,426	61,419	19,155	65,103
1967 .....	1,437,317	70,794	55,809	41,566	34,170	62,875	19,802	67,613
1968 .....	1,407,706	67,206	53,484	40,097	33,123	47,004	21,023	66,988
1969 .....	1,369,232	73,624	57,074	31,949	39,181	63,937	22,966	74,397
1970 .....	1,322,642	68,609	52,258	34,792	41,555	72,708	30,983	82,705
1971 .....	1,395,359	77,116	54,624	38,803	44,571	57,365	17,738	88,753
1972 .....	1,700,407	103,793	61,049	51,979	60,543	62,859	25,990	109,447
1973 .....	1,830,337	144,848	99,791	69,258	67,157	72,374	37,382	144,560
1974 .....	2,321,889	186,204	139,287	91,952	80,309	76,154	45,480	167,521
1975 .....	2,867,473	178,577	155,752	100,404	68,037	70,023	37,574	137,250
1976 .....	3,044,640	173,130	158,848	87,611	77,087	100,472	59,793	160,580
1977 .....	3,211,575	183,934	161,709	114,691	97,347	127,867	54,481	188,150
1978 .....	3,108,232	203,212	168,679	148,002	109,116	148,465	76,310	219,171

Science and Education Administration. Compiled from reports of the U.S. Department of Commerce.

Table 616.—Population: Total and farm, United States, April 1965-79

Year	Total population <sup>1</sup>	Farm population		Year	Total population <sup>1</sup>	Farm population	
		Number	Percentage of total			Number	Percentage of total
	Thousands	Thousands	Percent		Thousands	Thousands	Percent
Previous definition <sup>2</sup>							
1965 .....	193,709	12,363	6.4	1974 .....	211,522	9,264	4.4
1966 .....	195,999	11,595	5.9	1975 .....	213,056	8,864	4.2
1967 .....	198,206	10,875	5.5	1976 .....	214,762	8,253	3.8
1968 .....	200,208	10,454	5.3	1977 .....	216,436	7,806	3.6
1969 .....	202,161	10,307	5.1	1978 .....	218,258	8,005	3.7
1970 .....	204,335	9,712	4.8	1979 .....	220,099	7,553	3.4
1971 .....	206,567	9,425	4.6	Current definition <sup>3</sup>			
1972 .....	208,447	9,610	4.6	1978 .....	218,258	6,501	3.0
1973 .....	210,034	9,472	4.5	1979 .....	220,099	6,241	2.8

See footnotes on page 427.

Table 617.—Farm labor: Annual average<sup>1</sup> number of worker's on farms, by States, 1977-79

State	Total workers			Family workers <sup>2</sup>			Hired workers <sup>3</sup>		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
	<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>
Region I <sup>4</sup> .....	80	78	73	44	43	39	36	35	34
N.J. ....	23	23	20	11	12	10	12	11	10
N.Y. ....	105	99	99	71	65	64	34	34	35
Region II .....	128	122	119	82	77	74	46	45	45
Del. ....	5.9	5.2	5.0	3.6	2.9	2.8	2.3	2.3	2.2
Md. ....	32	29	33	20	17	21	12	12	12
Pa. ....	134	119	111	100	89	84	34	30	27
Va. ....	73	83	71	51	59	49	22	24	22
W. Va. ....	41.7	32	24.8	38	27	20	3.7	5.0	4.8
Region III .....	286.6	268.2	244.8	212.6	194.9	176.8	74.0	73.3	68
Ala. ....	86	75	69	63	51	46	23	24	23
Fla. ....	90	96	97	30	31	29	60	65	68
Ga. ....	83	81	79	50	47	46	33	34	33
Ky. ....	137	131	100	108	98	79	29	33	21
Miss. ....	88	77	62	55	49	36	33	28	26
N.C. ....	164	145	153	92	85	84	72	60	69
S.C. ....	56	54	57	34	33	34	22	21	23
Tenn. ....	131	116	107	107	94	83	24	22	24
Region IV .....	835	775	724	539	488	437	296	287	287
Ill. ....	172	158	165	133	123	125	39	35	40
Ind. ....	121	109	101	93	82	79	28	27	22
Mich. ....	102	96	94	77	70	66	25	26	28
Minn. ....	199	195	171	164	158	141	35	37	30
Ohio. ....	162	153	127	136	122	99	26	31	28
Wis. ....	199	186	186	153	138	132	46	48	54
Region V .....	955	897	844	756	693	642	199	204	202
Ark. ....	92	84	72	63	56	49	29	28	23
La. ....	57	54	53	37	34	34	20	20	19
N. Mex. ....	24.8	24	26	17	16	16	7.8	8.0	10
Okla. ....	96	99	80	75	83	62	21	16	18
Tex. ....	249	237	230	166	155	152	83	82	78
Region VI .....	518.8	498	461	358	344	313	160.8	154	148
Iowa. ....	213	216	213	171	177	167	42	39	46
Kans. ....	98	92	95	76	74	73	22	18	22
Mo. ....	173	157	155	153	130	131	20	27	24
Nebr. ....	108	110	105	87	88	84	21	22	21
Region VII .....	592	575	568	487	469	455	105	106	113
Colo. ....	54	51	43	36	33	29	18	18	14
Mont. ....	31.7	32.8	33.5	24	25	24	7.7	7.8	9.5
N. Dak. ....	64.3	65.3	63.8	56	56	55	8.3	9.3	8.8
S. Dak. ....	70	63	60	60	53	49	10	10	11
Utah. ....	23.3	24.5	20.3	17	18	15	6.3	6.5	5.3
Wyo. ....	13.8	14	14.3	8.5	8.9	8.4	5.3	5.1	5.9
Region VIII .....	257.1	250.6	234.9	201.5	193.9	180.4	55.6	56.7	54.5
Ariz. ....	25.3	33	28	9.3	16	16	16	17	12
Calif. ....	287	248	273	69	61	63	218	187	210
Hawaii. ....	15.4	16.7	15.5	4.4	4.7	4.5	11	12	11
Nev. ....	4.7	5.1	5.0	2.2	2.4	2.5	2.5	2.7	2.5
Region IX .....	332.4	302.8	321.5	84.9	84.1	86.0	247.5	218.7	235.5
Idaho. ....	45	48	41	25	27	23	20	21	18
Oreg. ....	64	66	62	35	37	38	29	29	24
Wash. ....	76	76	81	38	38	37	38	38	44
Region X .....	185	190	184	98	102	98	87	88	86
U.S. ....	4,169.9	3,956.6	3,774.2	2,863.0	2,688.9	2,501.2	1,306.9	1,267.7	1,273.0

See footnotes on page 427.

Table 618.—Farm labor: Annual average number of workers on farms and indexes, United States, 1965-79<sup>1</sup>

Year	Total workers			Family workers <sup>2</sup>			Hired workers <sup>3</sup>		
	Average number of persons	Index 1910-14 = 100 <sup>4</sup>	Index 1967 = 100 <sup>4</sup>	Average number of persons	Index 1910-14 = 100 <sup>4</sup>	Index 1967 = 100 <sup>4</sup>	Average number of persons	Index 1910-14 = 100 <sup>4</sup>	Index 1967 = 100 <sup>4</sup>
	<i>1,000 persons</i>			<i>1,000 persons</i>			<i>1,000 persons</i>		
1965 .....	5,610	41	114	4,128	41	113	1,482	44	118
1966 .....	5,214	38	106	3,854	38	106	1,360	40	109
1967 .....	4,903	36	100	3,650	36	100	1,253	37	100
1968 .....	4,748.8	35	97	3,535.4	35	97	1,213.4	36	97
1969 .....	4,595.8	34	94	3,419.4	34	94	1,176.4	35	94
1970 .....	4,522.6	33	92	3,348.1	33	92	1,174.5	35	94
1971 .....	4,436.3	33	90	3,275.1	32	90	1,161.2	34	93
1972 .....	4,373.4	32	89	3,227.7	32	88	1,145.7	34	91
1973 .....	4,336.7	32	88	3,169.0	31	87	1,167.7	34	93
1974 .....	4,388.9	32	90	3,074.7	30	84	1,314.2	39	105
1975 .....	4,342.1	32	89	3,025.5	30	83	1,316.6	39	105
1976 .....	4,373.9	32	89	2,997.2	29	82	1,376.7	41	110
1977 .....	4,169.9	31	85	2,863.0	28	78	1,306.9	38	104
1978 .....	3,956.6	29	81	2,688.9	26	74	1,267.7	37	101
1979 .....	3,774.2	28	77	2,501.2	25	69	1,273.0	37	102

<sup>1</sup>Through 1973 arithmetic means of monthly estimates of persons employed during last full calendar week ending at least one day before the end of the month. Beginning 1974, annual averages are the straight averages of the quarterly Multiple Frame Labor Surveys which cover the weeks that include the twelfth of January, April, July, and October.

<sup>2</sup>Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.

<sup>3</sup>Includes all persons doing farm work for pay during the survey week.

<sup>4</sup>The 1910-14 base is the arithmetic mean of the annual average of number of persons employed for these five years. The base for 1967 is the annual average number of persons employed.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 619.—All hired farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1965-77<sup>1</sup>

Year	All hired farm workers			Workers with 25 days or more of hired farm work during the year				
	Total	Male	Female	Number of hired farm workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	Thousands	Thousands	Thousands	Thousands	Days	Days	Dollars	Dollars
1965 .....	3,128	2,205	923	1,864	165	137	1,316	1,045
1966 .....	2,763	2,051	712	1,634	171	138	1,605	1,188
1967 .....	3,078	2,261	817	1,740	172	142	1,761	1,389
1968 .....	2,919	2,111	808	1,620	162	135	1,793	1,434
1969 .....	2,571	1,907	665	1,466	163	131	1,886	1,406
1970 .....	2,488	1,889	599	1,394	170	137	2,044	1,519
1971 .....	2,550	1,944	606	1,359	168	135	2,150	1,576
1972 .....	2,809	2,169	641	1,679	176	141	2,491	1,877
1973 .....	2,671	2,115	555	1,585	188	154	2,942	2,303
1974 .....	2,737	2,165	572	1,568	178	145	3,051	2,433
1975 .....	2,638	2,036	602	1,458	179	146	3,274	2,584
1976 .....	2,767	2,086	681	1,622	174	139	3,516	2,714
1977 .....	2,730	2,092	638	1,675	182	146	3,973	3,018

<sup>1</sup>Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at some time during the year. This series differs from the hired workers series shown in table 618 which gives an annual average of quarterly estimates of jobs on farms.

Economics, Statistics, and Cooperatives Service—Economics. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economics, Statistics, and Cooperatives Service.

**Table 620.—Migratory farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1965-77<sup>1</sup>**

Year	All migratory farm workers			Migratory workers with 25 days or more of hired farm work				
	Total	Male	Female	Number of workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Days</i>	<i>Days</i>	<i>Dollars</i>	<i>Dollars</i>
1965 .....	466	334	132	300	149	122	1,474	1,192
1966 .....	351	249	104	275	160	121	1,779	1,307
1967 .....	276	204	71	194	145	117	1,555	1,266
1968 .....	279	205	74	176	148	120	1,711	1,385
1969 .....	257	201	55	172	152	113	1,937	1,293
1970 .....	196	161	35	135	148	123	2,007	1,697
1971 .....	172	142	30	117	142	111	1,830	1,407
1972 .....	184	133	51	138	158	124	2,434	1,814
1973 .....	203	170	34	146	177	138	2,873	2,276
1974 .....	209	179	30	141	149	111	3,102	2,423
1975 .....	188	143	45	143	170	122	3,522	2,586
1976 .....	213	153	60	147	166	114	3,709	2,551
1977 .....	191	152	38	152	165	120	3,832	2,755

<sup>1</sup>Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who did migratory farm work at some time during the year. Migratory workers are those who leave their homes temporarily overnight to do farm work in another county or State. Does not include foreign nationals brought into the United States to do farm work who have left the country before the time of the survey.

Economics, Statistics, and Cooperatives Service—Economics. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economics, Statistics, and Cooperatives Service.

**Table 621.—Workers who did only hired farm work: Number of workers, average days worked and earnings received, United States, selected years 1965-77<sup>1</sup>**

Year	Workers who did 25 days or more of hired farm work			Year	Workers who did 25 days or more of hired farm work		
	Total	Average days worked	Average earnings received during year		Total	Average days worked	Average earnings received during year
	<i>Thousands</i>	<i>Days</i>	<i>Dollars</i>		<i>Thousands</i>	<i>Days</i>	<i>Dollars</i>
1965 .....	1,284	155	1,208	1972 .....	1,109	161	2,182
1966 .....	1,067	159	1,374	1973 .....	1,072	175	2,645
1967 .....	1,213	204	1,992	1974 .....	1,073	166	2,814
1968 .....	1,105	154	1,659	1975 .....	972	177	3,082
1969 .....	989	149	1,629	1976 .....	1,068	160	3,176
1970 .....	925	157	1,685	1977 .....	1,133	170	3,592
1971 .....	929	156	1,843				

<sup>1</sup>Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at some time during the year. This series differs from the hired workers series shown in table 618 which gives an annual average of quarterly estimates of jobs on farms.

Economics, Statistics, and Cooperatives Service—Economics. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economics, Statistics, and Cooperatives Service.



Table 622.—Farm wages: Annual average hourly rates<sup>1</sup> by method of pay and wage index, United States, 1974-79

Year	All hired farm workers	Method of pay					All hired farm workers wage index (1967 = 100)
		By piece rate	By other than piece rate	By hour only	By cash wages only <sup>2</sup>	By hour receiving cash wages only <sup>3</sup>	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
1974 .....	2.25	2.58	2.21	2.23	2.43	2.32	173
1975 .....	2.43	2.96	2.38	2.39	2.60	2.45	190
1976 .....	2.66	3.14	2.61	2.60	2.81	2.65	208
1977 .....	2.87	3.48	2.82	2.84	3.06	2.90	225
1978 .....	3.09	3.76	3.04	3.08	3.22	3.10	241
1979 .....	3.39	4.07	3.34	3.38	3.58	3.41	265

<sup>1</sup> Annual averages are derived by weighting quarterly wage rates by number of hours worked. Perquisites such as room and board, housing, etc., are provided some workers in addition to wage rates shown.

<sup>2</sup> Includes all workers not receiving perquisites.

<sup>3</sup> Includes all hourly workers not receiving perquisites.

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Table 623.—Farm wages: Annual average hourly rates<sup>1</sup> by type of work, United States, 1974-79

Year	Type of work performed					
	Field workers	Livestock workers	Packing house workers <sup>3</sup>	Machine operators	Supervisors	Other agricultural workers
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1974 .....	(2)	(2)	2.41	2.25	3.77	2.40
1975 .....	(2)	(2)	2.52	2.50	4.00	2.76
1976 .....	(2)	(2)	2.80	2.72	4.39	3.11
1977 .....	(2)	(2)	2.97	2.92	4.63	3.37
1978 .....	2.93	2.69	3.18	3.13	4.95	3.60
1979 .....	3.26	2.96	3.39	3.44	5.22	3.82

<sup>1</sup> Rates are annual averages of quarterly wage rates weighted by number of hours worked. Perquisites such as room and board, housing, etc., are provided some workers in addition to wage rates shown.

<sup>2</sup> Annual averages for field workers and livestock workers not available prior to 1978.

<sup>3</sup> Packinghouse operations performed on farms.

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## FOOTNOTES FOR TABLE 624

<sup>1</sup> Annual averages are derived by weighting quarterly wage rates by number of hours worked. Perquisites such as room and board, housing, etc., are provided some workers in addition to wage rates shown.

<sup>2</sup> Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

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Table 624.—Farm wages: Annual average hourly rates for selected workers,<sup>1</sup> by States, standard Federal regions, and United States, 1978-79

State and region	Field workers		Livestock workers		Workers paid by hour receiving cash wages only		All hired farm workers	
	1978	1979	1978	1979	1978	1979	1978	1979
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Region I <sup>2</sup> .....	2.63	2.95	2.19	2.62	2.79	3.19	2.75	3.15
N.J. ....	2.96	3.26	2.68	3.04	3.11	3.29	3.13	3.40
N.Y. ....	2.76	2.86	2.29	2.45	2.97	3.14	2.80	2.86
Region II .....	2.82	2.98	2.33	2.51	3.01	3.18	2.87	2.98
Del. ....	2.85	3.19	2.86	3.05	3.02	3.07	3.25	3.37
Md. ....	2.68	2.76	2.54	2.82	3.35	3.11	2.91	3.11
Pa. ....	2.70	2.98	2.38	2.72	3.04	3.27	2.77	3.07
Va. ....	2.42	2.99	2.53	2.84	2.84	3.10	2.59	3.20
W. Va. ....	2.27	2.35	2.16	2.42	2.61	2.91	2.45	2.58
Region III .....	2.53	2.91	2.46	2.78	3.03	3.17	2.74	3.10
Ala. ....	2.50	2.86	2.51	2.95	2.98	3.10	2.79	3.07
Fla. ....	3.24	3.51	3.12	3.33	3.19	3.47	3.52	3.80
Ga. ....	2.33	2.64	2.67	2.81	2.87	2.90	2.70	2.87
Ky. ....	2.60	2.64	2.74	3.00	2.70	2.84	2.79	3.06
Miss. ....	2.46	2.85	2.77	2.82	2.75	3.19	2.81	3.19
N.C. ....	2.49	2.73	2.67	3.09	2.77	2.88	2.61	2.94
S.C. ....	2.33	2.73	2.62	2.80	2.54	2.92	2.60	2.87
Tenn. ....	2.57	2.77	2.61	2.87	2.59	2.95	2.72	2.85
Region IV .....	2.70	2.95	2.75	3.00	2.88	3.15	2.92	3.18
Ill. ....	2.90	3.05	2.97	3.17	3.32	3.47	3.17	3.40
Ind. ....	2.63	2.96	2.78	3.03	3.46	3.45	3.06	3.31
Mich. ....	2.81	3.51	2.78	3.15	3.14	3.38	3.07	3.49
Minn. ....	2.73	3.15	2.58	2.75	3.29	3.73	2.97	3.31
Ohio ....	2.70	3.37	2.66	3.24	3.18	3.27	2.94	3.51
Wis. ....	2.31	2.72	2.25	2.55	3.04	3.46	2.50	2.77
Region V .....	2.70	3.09	2.54	2.84	3.19	3.47	2.90	3.21
Ark. ....	2.64	2.80	2.77	2.91	2.78	3.07	2.91	3.12
La. ....	2.67	2.91	2.90	3.24	2.82	3.12	2.88	3.21
N. Mex. ....	2.39	2.65	2.33	2.77	2.68	3.02	2.57	2.86
Okla. ....	3.04	3.14	2.68	2.92	3.15	3.42	3.09	3.26
Tex. ....	2.54	2.75	2.59	2.85	2.65	3.03	2.73	3.06
Region VI .....	2.61	2.80	2.62	2.88	2.73	3.09	2.80	3.09
Iowa ....	2.88	3.15	2.75	3.10	3.09	3.24	3.03	3.28
Kans. ....	3.02	3.57	2.90	3.34	3.25	3.63	3.39	3.61
Mo. ....	2.76	2.84	2.61	2.98	2.89	3.06	2.87	3.08
Nebr. ....	2.53	3.04	2.91	3.08	3.02	3.30	2.89	3.29
Region VII .....	2.74	3.15	2.78	3.11	3.04	3.27	3.02	3.33
Colo. ....	2.82	2.99	2.86	3.01	2.86	3.21	3.11	3.32
Mont. ....	2.47	2.58	2.39	2.46	3.05	3.24	2.49	2.74
N. Dak. ....	3.19	3.12	3.02	3.12	3.85	4.00	3.41	3.45
S. Dak. ....	2.33	2.77	2.30	2.48	2.69	3.01	2.48	2.78
Utah ....	2.73	3.45	2.43	2.90	2.95	3.62	2.75	3.32
Wyo. ....	2.25	2.56	2.40	2.62	3.49	3.79	2.74	2.96
Region VIII .....	2.68	2.92	2.54	2.70	3.11	3.17	2.89	3.08
Ariz. ....	3.13	3.22	3.07	3.05	3.30	3.39	3.39	3.42
Calif. ....	3.47	3.80	3.44	3.80	3.40	3.70	3.77	4.09
Hawaii ....	4.22	4.37	3.84	4.29	3.30	4.06	4.87	5.03
Nev. ....	2.46	2.52	2.34	2.55	3.27	3.58	2.55	2.72
Region IX .....	3.47	3.79	3.32	3.68	3.39	3.70	3.76	4.07
Idaho ....	3.09	3.32	2.69	2.85	3.05	3.51	3.18	3.45
Oreg. ....	2.81	3.07	2.80	2.84	3.21	3.43	3.11	3.33
Wash. ....	3.48	3.94	3.50	3.94	3.49	3.83	3.70	4.06
Region X .....	3.18	3.61	3.05	3.21	3.29	3.48	3.38	3.72
U.S. ....	2.98	3.26	2.69	2.96	3.10	3.41	3.09	3.39

See footnotes on page 433.

Table 625.—Crops: Area, yield, production, and value, United States, 1977-79<sup>1</sup>

Crop	Area harvested			Yield per harvested acre			Production			Value of production		
	1977	1978	1979 <sup>2</sup>	Unit	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978
	1,000 acres	1,000 acres	1,000 acres					Thousands	Thousands	Thousands	1,000 dollars	1,000 dollars
Corn for grain	70,872	70,984	70,984	Bushel	90.7	100.8	109.4	6,425,457	7,086,666	7,763,771	12,944,467	15,875,377
Corn for silage	604	447	415	Ton	12.5	13.5	14.2	115,708	116,598	113,706	1,742,686	5,349,483
Wheat, all	9,307	8,623	8,002	Bushel	30.6	31.6	34.2	2,083,318	1,797,528	2,141,732	3,500,367	3,753,969
Wheat, winter	66,461	56,942	43,572	do	31.6	32.0	36.9	1,837,113	1,247,706	1,608,397	2,154,413	3,890,668
Durum	48,664	39,015	3,982	do	20.4	20.1	27.1	79,964	138,323	106,654	1,253,916	1,262,906
Other spring	14,772	13,963	15,096	do	25.4	30.0	28.2	415,241	416,484	426,131	824,703	1,006,084
Oats	13,452	11,426	9,831	do	43.9	48.6	50.6	750,901	596,862	534,386	744,900	888,367
Barley	9,564	9,247	7,468	do	24.6	26.3	25.9	420,169	449,177	378,067	36,023	52,474
Rye	704	995	949	do	11.5	12.5	13.3	13,106	15,106	13,539	98,383	87,746
Flaxseed	1,314	835	1,018	do	44.12	44.84	45.88	94,223	133,170	136,667	941,283	1,067,000
Rice	2,249.0	2,970.0	2,979.0	Cwt	2,788	2,828	2,992	431,610	399,010	536,551	37,850	33,668
Popcorn	154.8	141.1	179.3	Pound	56.3	55.1	62.9	792,983	747,790	814,308	1,453,991	1,501,377
Sorghum for grain	14,092	13,561	12,949	Bushel	10.9	10.9	11.7	9,108	7,768	9,011	3,614,938	3,044,991
Sorghum for silage	842	715	1,266	Ton	520	421	548	14,389.2	10,855.8	14,523.3	388,035	485,613
Cotton lint	13,275.3	12,370.0	12,815.9	Bale	2.16	2.31	2.39	131,313	142,209	145,878	6,782,482	6,572,593
Cottonseed	60,658	61,515	61,162	Ton	1,298	1,285	1,457	16,610	19,040	20,665	334,866	328,777
Hay, all	1,279.9	1,481.4	1,418.7	Cwt <sup>a</sup>	613	1,783	1,499	1,761,755	1,870,181	2,267,647	14,184	28,958
Beans, dry edible	167.0	202.0	136.0	Cwt <sup>a</sup>	30.6	29.5	32.2	3,725,015	3,988,624	3,980,640	783,302	841,568
Peas, dry edible	57,612	63,343	70,530	Bushel	2,457	2,639	2,611	354,576	365,249	387,648	1,253,616	1,222,315
Soybeans for beans	1,516.4	1,511.6	1,524.5	Pound	261	266	272	12,395	14,421	14,421	123,706	150,873
Peanuts for nuts	1,858.7	1,370.8	1,278.9	Cwt	110	119	115	7,870	7,680	6,640	2,268,420	2,679,371
Sweetpotatoes	112.4	120.6	125.6	Cwt	16,700	17,100	16,400	1,912,759	2,024,369	1,581,082	7,327,146	7,320,469
Taro	.5	.5	.4	Pound	1,997	2,135	1,853	26,880	25,997	27,681	604,399	648,221
Tobacco	957.8	948.3	826.3	Pound	35.3	35.0	37.8	25,007	25,725	21,996	14,661	17,289
Sugarcane for sugar and seed	759.4	743.7	733.0	Ton	20.6	20.3	19.6	1,154	1,221	1,219	49,095	53,614
Sugarbeets	1,216.2	1,298.6	1,120.2	Ton	1,796	1,782	1,727	54,777	55,071	54,929	104,421	105,935
Maple sirup				Gallon								
Hops	30.5	30.9	31.8	Pound	238	173	201	97,105	91,615	99,925	17,642	21,976
Seed crops:												
Alfalfa	408.5	529.0	496.0	Pound	102	112	110	14,877	33,306	33,306	16,394	16,688
Red clover	244.1	298.5	247.1	do	341	363	407	19,766	44,966	36,570	9,412	18,618
Kentucky Bluegrass, All	55.1	56.9	89.9	do	89.5	43.1	43.6	11,418	29,157	21,583	5,987	8,870
Public and Common	34.5	44.3	49.5	do	359	359	275	7,388	12,904	9,867	3,960	4,676
Proprietary	20.6	23.2	24.4	do	275	260	275	3,300	3,562	3,562	8,030	4,847
Ladino clover	12.0	13.7	12.5	do	206	211	229	10,671	10,671	12,517	6,132	7,116
Leopedeza	66.1	50.1	57.1	do	187	213	219	12,149	16,540	16,540	5,330	5,774
Timothy	55.6	78.5	73.5	do	464	231	623	10,348	13,590	15,565	3,417	6,892
Orchardgrass	22.3	25.2	25.0	do	234	303	283	107,670	171,560	96,490	24,761	20,832
Tall fescue (Ky. 31 Alta)	459.5	566.0	341.0	do								

See footnotes at end of table.

Table 625.—Crops: Area, yield, production, and value, United States, 1977-79<sup>1</sup>—Continued

Crop	Area harvested			Yield per harvested acre				Production			Value of production		
	1977	1978	1979 <sup>2</sup>	Unit	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres					Thousands	Thousands	Thousands	1,000 dollars	1,000 dollars	1,000 dollars
Seed crops—Continued													
Chewings fescue	10.0	12.0	12.0	Pound	550	450	600	5,500	5,400	7,200	2,860	3,186	5,184
Red fescue	12.0	12.5	10.0	do	500	520	520	6,000	6,000	5,200	3,120	3,705	3,848
Bentgrass	17.0	18.0	18.0	do	400	230	250	6,800	4,140	4,500	5,984	5,175	8,550
Crimson clover	11.5	10.5	10.0	do	330	300	460	3,795	3,150	4,600	1,214	1,544	2,900
Hairy vetch	30.5	8.0	10.0	do	270	450	450	8,235	3,600	5,000	2,234	1,152	1,900
All ryegrass	180.0	194.0	187.0	do	1,504	1,242	1,318	270,800	240,980	246,400	33,500	33,500	40,888
Apples, commercial crop				do				6,643,000	7,554,200	8,063,500	698,890	783,083	871,676
Peaches				do				2,852,200	2,556,700	2,871,500	281,740	308,634	336,408
Pears				Ton				785	727	861	114,746	159,788	176,061
Grapes				Ton				4,296	4,318	989	835,299	1,005,794	1,180,452
Cherries				Ton				252	246	268	134,635	186,649	190,522
Apricots				Ton				141	126	145	29,696	31,410	39,320
Plums (California)				Ton				157	154	175	49,141	56,980	47,250
Prunes, dried (California)				Ton				159	132	133	79,341	91,872	113,050
Prunes and plums, fresh basis (excluding California)				Ton				58	69	63	9,175	10,797	13,007
Figs <sup>9</sup>				Ton				42	30	39	12,243	9,667	15,759
Nectarines				Ton				155	148	172	31,775	45,436	33,368
Olives				Ton				43	126	59	17,329	38,178	23,482
Dates				Ton				25	22	22	8,585	10,452	10,817
Avocados <sup>10</sup>				Ton				118	146	96	86,563	94,233	116,020
Bananas	.6	.6	.6	Pound	10,500	8,600	7,500	5,800	4,800	4,780	905	888	970
Bushberries <sup>11</sup>	11.0	45.6	45.9	do	n.a.	n.a.	n.a.	58,245	128,585	135,200	28,299	80,320	73,568
Papayas	2.2	2.2	2.2	do	29,500	29,300	18,600	63,548	64,000	41,015	7,565	8,304	9,515
Persimmons <sup>12</sup>				Ton				2			700		
Pomegranates				Ton				10	10	9	1,430	2,214	3,042
Cranberries	22.5	23.2	23.2	Barrel	93.3	106.2	106.7	2,102	2,459	2,476	38,154	52,903	63,273
Strawberries	34.3	35.5	34.0	Cwt	190	183	188	6,509	6,498	6,377	214,947	201,558	243,971
Oranges <sup>13</sup>				Box				242,950	220,120	210,500	811,196	1,196,557	1,355,623
Grapefruit <sup>13</sup>				Box				74,600	74,660	67,020	175,667	189,692	218,739
Lemons <sup>13</sup>				Box				26,000	26,100	19,400	92,500	110,635	134,089
Limes <sup>13</sup>				Box				1,000	460	720	11,610	8,791	11,642
Tangerines				Box				5,770	5,200	5,400	32,104	35,560	41,775
Tangelos				Box				4,800	4,900	4,200	13,296	23,128	22,176
Templets				Box				3,800	4,900	4,700	12,882	26,215	30,456
Pecans				Box				286,600	250,700	210,600	136,459	151,780	116,163
Walnuts <sup>14</sup>				Pound				193	160	208	139,555	208,320	170,352
Almonds				Ton				313,000	181,000	376,000	264,485	282,450	579,040
Filberts				Ton				12	14	13	8,068	11,321	12,969
Macadamia nuts				Pound				...	...	...	...	...	...
Coffee	2.0	1.9	1.8	do	1,140	880	1,000	2,270	1,680	1,800	3,133	2,072	2,610



Commercial vegetables:	10.8	9.9	9.7	Cwt	...	66	53	90	713	525	873	13,775	14,201	24,220
Artichokes	85.8	81.4	79.2	Cwt	...	25	22	24	2,181	1,827	1,882	20,249	29,216	96,283
Asparagus <sup>15</sup>	60.3	68.1	64.5	Ton	...	1.23	1.21	1.30	74.2	82.7	88.8	25,426	79,704	30,683
Beans, green lima <sup>16</sup>	385.9	365.0	369.1	Ton	...	14.60	12.79	2.50	2,851	819.0	911.0	159,135	177,940	195,739
Beans, snap <sup>15</sup>	14.1	17.3	17.1	Ton	...	14.60	12.79	14.32	206.2	221.6	249.7	8,383	97,619	110,641
Beets <sup>16</sup>	70.9	68.3	71.1	Cwt	...	80	79	82	5,694	5,399	5,818	92,748	97,619	110,641
Brussels sprouts	5.8	5.9	5.5	Cwt	...	135	150	140	783	885	770	14,831	18,988	16,520
Cabbage <sup>15</sup>	91.7	96.5	92.3	Cwt	...	259	257	238	23,806	24,431	12,322	172,409	175,211	138,350
Cantaloup	79.5	98.9	89.1	Cwt	...	135	137	138	10,760	12,856	113,991	123,946	129,810	147,634
Carrots	69.5	73.7	77.8	Cwt	...	276	262	268	19,208	19,289	20,851	141,432	129,810	147,634
Cauliflower	37.4	41.6	42.4	Cwt	...	99	92	98	3,707	3,836	4,156	73,387	81,244	88,567
Celery	33.8	34.4	36.1	Cwt	...	491	478	486	16,561	16,445	17,560	140,978	195,946	160,820
Corn, sweet <sup>15</sup>	623.9	598.8	584.0	Ton	...	4.92	5.18	5.32	3,070.7	3,102.2	3,108.3	230,027	239,482	257,837
Cucumbers <sup>15</sup>	175.7	188.2	182.5	Ton	...	5.15	5.21	5.28	904.7	979.8	963.8	134,989	160,064	182,992
Eggplant	3.2	3.4	3.9	Cwt	...	203	193	187	641	729	708	10,658	9,105	11,621
Escarole	7.8	7.6	8.3	Cwt	...	132	140	137	1,025	1,061	1,140	18,331	22,185	21,700
Garlic	10.4	13.0	14.2	Cwt	...	110	120	130	1,144	1,560	1,846	16,336	24,722	27,974
Honeydew melons	15.5	18.5	20.8	Cwt	...	167	184	170	2,591	3,413	3,531	25,561	32,846	38,126
Lettuce	231.5	239.2	244.1	Cwt	...	259	252	247	59,907	60,262	60,315	415,740	596,737	576,741
Onions	108.0	121.2	123.4	Cwt	...	319	296	312	34,006	38,485	38,485	203,432	220,373	238,732
Pea, green <sup>15</sup>	350.5	355.5	369.3	Ton	...	1.40	1.30	1.56	5,890.0	461.1	607.5	100,533	94,853	128,048
Peppercorn	55.9	50.7	58.7	Cwt	...	95	97	98	5,333	5,158	5,470	87,637	100,284	108,960
Spinach <sup>15</sup>	30.5	30.7	34.3	Ton	...	6.37	5.82	9.93	8,763.1	178.8	208.3	24,346	23,454	37,372
Tomatoes <sup>15</sup>	471.0	425.1	440.0	Ton	...	18.62	17.58	19.20	8,763.1	7,474.3	8,447.4	906,823	843,797	1,103,329
Watermelons	227.4	218.2	208.8	Cwt	...	119	118	116	27,020	25,702	24,126	32,809	102,226	110,988
Peppermint	86.9	100.0	94.9	Pound	...	51	57	54	4,469	5,728	5,149	63,209	60,962	50,960
Spearmint	37.1	46.1	33.4	Pound	...	63	70	57	2,529	3,244	1,894	23,947	24,200	16,620

<sup>1</sup> Hawaii is included in commercial vegetables and in area and production of sugar-cane, but is excluded from other crops.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes area seeded in preceding fall.

<sup>4</sup> Area seeded in preceding fall.

<sup>5</sup> Yield in pounds.

<sup>6</sup> Clean basis.

<sup>7</sup> Does not include Hawaii.

<sup>8</sup> Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine.

<sup>9</sup> Fresh basis.

<sup>10</sup> Year of bloom.

<sup>11</sup> Maine, Michigan, New Jersey, North Carolina and Oregon added to the bushberry program beginning in 1978.

<sup>12</sup> Estimates discontinued after 1977 crop.

<sup>13</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is included with other crops on a harvested basis.

<sup>14</sup> Oregon and California for 1977; California only for 1978 and 1979.

<sup>15</sup> For breakdown between fresh market and processing, see individual crop tables.

<sup>16</sup> Processing only, n.a. not available.

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Table 626.—Crops: Area, United States, 1965-79

Year	Principal crops				Field seeds, harvested area <sup>5</sup>	Commercial vegetables, harvested area <sup>6</sup>	Fruits and planted nuts, bearing area <sup>7</sup>
	Harvested area			Planted area total <sup>4</sup>			
	Feed grains <sup>1</sup>	Food grains <sup>2</sup>	Total <sup>3</sup>				
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1965 .....	96,109	52,826	287,758	297,215	2,405.0	3,286.9	2,837.0
1966 .....	97,942	52,856	283,511	293,062	2,414.0	3,417.3	2,870.1
1967 .....	101,022	61,386	295,447	305,781	1,871.7	3,567.5	2,928.6
1968 .....	97,310	58,114	289,668	299,384	1,861.2	3,637.1	2,983.8
1969 .....	95,539	50,565	280,586	291,153	1,845.1	3,329.4	3,060.1
1970 .....	99,232	46,806	283,096	293,211	2,085.9	3,204.8	3,103.4
1971 .....	106,074	51,254	295,056	305,830	1,800.6	3,168.4	3,164.7
1972 .....	93,780	50,171	282,976	294,609	1,508.4	3,232.6	3,139.5
1973 .....	101,908	57,273	310,241	318,682	1,770.1	3,363.6	3,183.5
1974 .....	99,752	68,683	316,340	326,495	1,714.0	3,333.4	3,246.9
1975 .....	104,482	72,938	324,202	332,366	1,588.3	3,413.4	3,412.4
1976 .....	106,266	73,972	325,517	336,256	1,543.7	3,195.0	3,373.6
1977 .....	107,980	69,414	332,367	344,007	1,584.2	3,206.6	3,433.3
1978 .....	104,509	60,907	325,427	335,031	1,895.0	3,228.4	3,417.1
1979 .....	101,232	66,528	336,643	345,652	1,589.1	3,266.5	3,434.5

<sup>1</sup> Corn for grain, oats, barley, and sorghum for grain.<sup>2</sup> Wheat, rye, and rice.<sup>3</sup> Crop area included is for corn, sorghum, oats, barley, wheat, rice, rye, soybeans, flaxseed, peanuts, sunflowers (beginning 1975), popcorn, cotton, all hay, dry edible beans, dry edible peas, potatoes, sweetpotatoes, tobacco, sugarcane, and sugarbeets.<sup>4</sup> Crop area included is as follows: Planted acres for corn, sorghum, oats, barley, durum and other spring wheat, rice, soybeans, flaxseed, peanuts, sunflowers (beginning 1975), popcorn, cotton, dry edible beans, dry edible peas, potatoes, sweetpotatoes, and sugarbeets; harvested acres for winter wheat, rye, all hay, tobacco and sugarcane.<sup>5</sup> Includes alfalfa, red clover, ladino clover, lespedeza, timothy, orchardgrass, Ky. bluegrass, chewings fescue, red fescue, tall fescue, bentgrass, crimson clover, hairy vetch, and all ryegrass.<sup>6</sup> Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested.<sup>7</sup> Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, lemons, limes, and tangelos (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, nectarines, figs, olives, avocados, dates, persimmons (prior to 1978) and pomegranates; nuts—walnuts, almonds, filberts and pistachios (beginning 1977).

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Table 627.—Harvested crops: Area required for specified purposes, United States, 1965-79

Year	Crops har- vested <sup>1</sup>	Area used for producing—			Total popu- lation July 1 <sup>4</sup>	Year	Crops har- vested <sup>1</sup>	Area used for producing—			Total popu- lation July 1 <sup>4</sup>
		Ex- port prod- ucts <sup>2</sup>	Products for domestic use <sup>3</sup>					Ex- port prod- ucts <sup>2</sup>	Products for domestic use <sup>3</sup>		
			Total	Per capita	Total				Per capita		
	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Acres</i>	<i>Mil- lions</i>		<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Acres</i>	<i>Mil- lions</i>
1965 .....	298	76	222	1.14	194	1973 .....	321	96	225	1.07	210
1966 .....	294	69	225	1.14	197	1974 .....	328	99	229	1.08	212
1967 .....	306	69	237	1.19	199	1975 .....	336	100	236	1.10	214
1968 .....	300	54	246	1.22	201	1976 .....	337	97	240	1.12	215
1969 .....	290	61	229	1.13	203	1977 .....	344	112	232	1.07	217
1970 .....	293	72	221	1.08	205	1978 .....	337	113	224	1.02	219
1971 .....	305	62	243	1.17	207	1979 <sup>5</sup> ....	348	116	232	1.05	221
1972 .....	294	91	203	.97	209						

<sup>1</sup> Area in principal crops harvested as reported by The Crop Reporting Board, ESCS, plus area in vegetables, fruits, tree nuts, and farm gardens.<sup>2</sup> Area for exports relate to exports for year beginning July 1. Area includes seeds for crops and feed for livestock that are exported.<sup>3</sup> Includes feed used by horses and mules.<sup>4</sup> Includes persons in our military forces in this country and abroad.<sup>5</sup> Preliminary.

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Table 628.—Livestock and livestock products: Production and value, United States, 1977-79

Product	Production <sup>1</sup>			Value of production		
	1977	1978	1979 <sup>2</sup>	1977	1978	1979 <sup>2</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves .....	40,829,023	39,766,559	38,936,694	14,010,710	19,457,920	26,292,862
Sheep and lambs .....	703,942	696,929	712,017	321,057	389,857	418,472
Hogs .....	19,124,424	19,610,887	22,616,845	7,536,318	9,136,275	9,443,969
Chickens <sup>3</sup> .....	14,069,761	15,140,844	16,711,013	3,196,384	3,822,011	4,194,110
Turkeys <sup>4</sup> .....	2,562,285	2,653,397	2,958,791	910,223	1,156,556	1,214,916
Milk .....	122,698,000	121,609,000	123,623,000	12,027,741	12,974,249	14,967,830
Wool (shorn) .....	107,159	101,874	102,803	77,147	75,883	88,719
Mohair <sup>5</sup> .....	8,000	8,100	9,300	22,960	37,179	47,430
Eggs .....	<i>Thousands</i> 64,600,000	<i>Thousands</i> 67,140,000	<i>Thousands</i> 69,107,000	2,994,674	2,919,713	3,355,239

<sup>1</sup>For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory.

<sup>2</sup>Preliminary.

<sup>3</sup>Including commercial boiler production.

<sup>4</sup>Turkey production and value estimates do not include an adjustment for changes in inventory.

<sup>5</sup>Texas only.

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Table 629.—Agricultural productivity: Index numbers of farm output per unit of input, United States, 1965-79

Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>
1965 .....	100	1970 .....	102	1975 .....	115
1966 .....	97	1971 .....	110	1976 .....	115
1967 .....	100	1972 .....	110	1977 .....	114
1968 .....	102	1973 .....	111	1978 <sup>2</sup> .....	116
1969 .....	103	1974 .....	106	1979 <sup>3</sup> .....	119

<sup>1</sup>Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 631 by the index of total input in table 630.

<sup>2</sup>Preliminary.

<sup>3</sup>Estimated.

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## FOOTNOTES FOR TABLE 633

<sup>1</sup>Cropland used for crops is the sum of the area of land from which one or more crops were harvested plus area of crop failure and summer fallow. For States included in regions, see footnote 1, table 670.

<sup>2</sup>Preliminary.

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**Table 630.—Total farm input: Index numbers of farm input by major subgroups, United States, 1965–79**  
[1967 = 100]

Year	Total input	Farm labor	Farm real estate	Mechanical power and machinery	Agri-cultural chemicals <sup>1</sup>	Feed, seed, and live-stock pur-chases <sup>2</sup>	Taxes and interest	Miscella-neous
1965	98	110	99	94	75	93	100	109
1966	98	103	99	96	85	97	100	104
1967	100	100	100	100	100	100	100	100
1968	100	97	99	101	105	97	100	106
1969	99	93	98	101	111	101	100	105
1970	100	89	101	100	115	104	100	109
1971	100	86	99	102	124	111	99	108
1972	100	82	98	101	131	113	100	115
1973	101	80	97	105	136	116	100	111
1974	100	78	95	109	140	107	101	110
1975	100	76	96	113	127	101	101	104
1976	103	73	97	117	145	110	101	113
1977	105	71	99	120	154	112	100	128
1978 <sup>3</sup>	105	67	97	125	160	115	98	133
1979 <sup>4</sup>	108	66	96	129	182	120	96	146

<sup>1</sup>Includes fertilizer, lime, and pesticides.<sup>2</sup>Nonfarm portion of feed, seed, and livestock purchases.<sup>3</sup>Preliminary.<sup>4</sup>Estimated.

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**Table 631.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1965–79**  
[1967 = 100]

Year	Farm output	Livestock and products <sup>1</sup>					Crops								
		All livestock and products <sup>2</sup>	Meat animals <sup>3</sup>	Dairy products <sup>4</sup>	Poultry and eggs <sup>5</sup>	All crops <sup>6</sup>	Feed grains <sup>7</sup>	Hay and forage <sup>8</sup>	Food grains <sup>9</sup>	Vegetables <sup>10</sup>	Fruits and nuts <sup>11</sup>	Sugar crops <sup>12</sup>	Cotton	Tobacco	Oil crops <sup>13</sup>
1965	98	95	92	104	90	99	88	98	88	96	100	100	205	94	95
1966	95	97	96	101	96	95	89	97	88	97	98	100	130	96	97
1967	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968	102	100	101	99	98	103	95	99	106	104	98	113	148	87	114
1969	102	101	102	98	100	104	99	100	98	101	116	115	137	91	116
1970	101	105	108	99	105	100	89	100	91	98	110	114	139	97	117
1971	110	106	109	101	106	112	116	105	107	98	118	116	145	86	121
1972	110	107	109	102	109	113	112	104	102	99	106	127	187	88	131
1973	112	105	108	98	106	119	115	109	114	100	128	112	175	88	155
1974	106	106	110	99	106	110	93	104	120	102	128	104	158	101	127
1975	114	101	102	98	103	121	114	108	142	101	137	130	112	110	153
1976	117	105	105	103	110	121	120	102	141	101	136	128	142	108	132
1977	119	106	105	105	112	129	126	107	132	104	136	116	191	98	175
1978	122	106	104	104	118	131	135	113	125	107	138	116	145	102	182
1979 <sup>14</sup>	129	110	107	106	127	144	145	117	143	109	145	110	200	79	219

<sup>1</sup>Production of livestock and livestock products for human use, horses and mules excluded. <sup>2</sup>Includes clipped wool, mohair, honey, and beeswax. These items are not included in the separate groups of livestock and products shown.<sup>3</sup>Cattle and calves, sheep and lambs, and hogs. <sup>4</sup>Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms.<sup>5</sup>Chicken eggs, commercial broilers, chickens, and turkeys. <sup>6</sup>Includes production of hayseeds, pasture seeds and cover-crop seeds, and some miscellaneous crop production not included in separate groups of crops shown. Farm gardens included through 1964.<sup>7</sup>Corn for grain, oats, barley, and sorghum grain. <sup>8</sup>All hay, sorghum forage, corn silage, and sorghum silage. <sup>9</sup>All wheat, rye, buckwheat, and rice. <sup>10</sup>Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value.<sup>11</sup>Fruits, berries, and tree nuts having value. Citrus production is based on year of harvest for 1960 to date; earlier years are based on year of bloom. <sup>12</sup>Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple sirup.<sup>13</sup>Soybeans, peanuts harvested for nuts, cottonseed, flaxseed, and tung nuts. <sup>14</sup>Preliminary.

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**Table 632.—Farm output: Index numbers by farming regions,<sup>1</sup> 1965-79**  
[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1965	100	97	94	94	98	95	107	112	96	102	98
1966	92	98	93	96	93	86	99	100	95	103	95
1967	100	100	100	100	100	100	100	100	100	100	100
1968	95	103	98	104	96	92	113	112	104	108	102
1969	97	100	97	109	100	98	108	105	106	109	102
1970	99	102	92	102	101	98	114	109	107	109	101
1971	101	111	108	122	104	111	119	100	111	112	110
1972	90	107	105	121	105	108	123	116	110	116	110
1973	92	110	104	125	107	111	118	132	110	120	112
1974	97	103	92	107	108	118	115	110	111	128	106
1975	97	108	109	115	112	119	113	123	117	136	114
1976	101	105	113	113	119	125	122	127	122	140	117
1977	96	128	113	123	109	110	129	139	112	133	119
1978	104	128	119	126	118	121	127	121	123	133	122
1979 <sup>2</sup>	104	132	129	135	113	128	138	145	119	146	129

<sup>1</sup> For States included in regions, see footnote 1, table 672.

<sup>2</sup> Preliminary.

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**Table 633.—Cropland used for crops: Index numbers by farming regions,<sup>1</sup> 1965-79**  
[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1965	102	99	95	99	96	96	92	108	101	100	99
1966	102	97	96	99	95	92	91	101	99	99	98
1967	100	100	100	100	100	100	100	100	100	100	100
1968	95	98	95	98	98	99	108	103	100	100	98
1969	91	92	93	100	94	96	107	107	102	97	98
1970	94	93	94	99	95	98	110	100	102	99	98
1971	95	99	99	100	103	104	110	97	101	99	100
1972	92	94	96	99	99	101	110	94	103	102	98
1973	94	103	104	102	104	106	111	109	102	101	103
1974	97	106	108	103	108	111	113	111	105	106	106
1975	97	108	109	104	111	115	116	112	105	108	108
1976	98	111	110	105	113	117	124	108	106	109	109
1977	99	113	113	107	118	123	128	112	106	106	111
1978	98	110	110	104	118	122	127	106	106	107	108
1979 <sup>2</sup>	100	114	113	105	122	128	133	112	108	108	111

See footnotes on page 439.

**Table 634.—Crop production per acre of cropland used for crops: Index numbers by regions,<sup>1</sup> 1965-79**  
[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1965	93	93	97	97	104	101	125	113	97	103	100
1966	85	102	96	98	98	89	110	100	96	107	97
1967	100	100	100	100	100	100	100	100	100	100	100
1968	97	108	104	109	95	88	110	116	104	111	105
1969	103	113	108	117	105	97	103	99	105	114	106
1970	102	111	96	103	103	96	106	107	104	111	102
1971	102	116	115	130	98	105	110	96	108	115	112
1972	87	120	118	131	104	105	115	122	107	116	115
1973	96	117	110	135	102	105	111	133	111	124	116
1974	100	103	89	106	99	108	101	95	111	129	104
1975	98	109	112	119	103	104	99	109	113	132	112
1976	97	94	110	111	104	105	96	118	119	133	111
1977	93	132	114	132	92	85	104	136	115	133	116
1978	100	133	122	141	100	97	102	116	125	129	121
1979 <sup>2</sup>	100	132	133	151	89	99	111	146	122	144	130

See footnotes on page 444.

**Table 635.—Labor: Indexes of farm production per hour, by farming regions, 1965-79<sup>1</sup>**  
 [1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1965 .....	88	87	88	91	86	90	90	98	89	96	89
1966 .....	88	94	91	96	89	87	94	100	93	97	92
1967 .....	100	100	100	100	100	100	100	100	100	100	100
1968 .....	101	108	104	106	103	99	114	114	104	106	106
1969 .....	110	111	110	118	112	104	112	107	106	108	110
1970 .....	118	121	111	111	122	110	125	111	114	115	115
1971 .....	125	134	133	131	133	128	135	108	121	118	128
1972 .....	123	139	138	138	144	130	143	126	125	127	136
1973 .....	131	151	142	142	151	135	149	145	128	125	130
1974 .....	143	145	131	122	154	148	153	128	137	133	136
1975 .....	149	161	165	139	156	155	166	150	146	143	152
1976 .....	166	164	179	140	172	167	182	165	158	151	162
1977 .....	166	216	185	156	168	153	195	181	151	146	170
1978 .....	186	213	205	168	187	175	208	168	168	151	182
1979 <sup>2</sup> .....	196	232	226	182	192	191	230	201	168	160	198

<sup>1</sup>Index of farm output (see table 632) divided by index of hours of labor used on farms (for absolute number of hours of labor used on farms in the United States, see table 659.

<sup>2</sup>Preliminary.

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**Table 636.—Labor: Indexes of farm production per hour used for farm work, by enterprise groups, United States, 1965-79<sup>1</sup>**  
 [1967 = 100]

Year	Livestock and products					Crops									
	Farm out-put	All live-stock and prod-ucts	Meat an-imals	Milk cows	Poul-try	All crops	Feed grains	Hay and forage	Food grains	Vege-tables	Fruits and nuts	Sugar crops	Cot-ton	To-bacco	Oil crops
1965 .....	89	86	89	87	87	90	91	85	101	96	98	88	102	82	104
1966 .....	92	93	95	93	93	94	93	93	104	97	102	92	102	89	103
1967 .....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968 .....	106	105	104	108	104	106	102	103	110	103	101	110	133	101	111
1969 .....	110	112	110	117	112	108	109	105	117	110	107	111	125	110	113
1970 .....	115	121	117	125	119	111	109	105	121	110	109	116	136	129	127
1971 .....	128	128	122	136	128	126	136	111	130	114	111	125	149	134	134
1972 .....	136	137	130	148	142	135	153	120	124	116	109	127	187	149	144
1973 .....	130	144	137	153	151	138	153	121	131	116	118	122	224	147	148
1974 .....	136	156	147	168	166	128	131	124	115	116	129	118	208	158	134
1975 .....	152	160	150	178	175	142	156	133	130	116	125	134	255	157	156
1976 .....	162	178	164	202	200	146	164	128	127	123	129	139	302	164	150
1977 .....	170	189	172	223	215	157	177	141	129	124	126	141	434	166	175
1978 .....	182	204	186	242	241	166	199	155	136	129	129	145	439	179	170
1979 <sup>2</sup> .....	198	224	202	272	265	182	220	165	149	131	131	147	606	161	187

<sup>1</sup>Index of farm production (see table 631) divided by the appropriate index of hours of labor (for absolute number of hours, see table 659).

<sup>2</sup>Preliminary.

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Table 637.—Selected crops: Labor-hours per unit of production and related factors, United States, indicated periods, 1915-79<sup>1</sup>

Crop and item	1915-19	1925-29	1935-39	1945-49	1955-59	1965-69	1975-79 <sup>2</sup>
Corn for grain:							
Hours per acre .....	34.2	30.3	28.1	19.2	9.9	5.8	3.6
Yield-bushels .....	25.9	26.3	26.1	36.1	48.7	78.5	95.1
Hours per 100 bushels .....	132	115	108	53	20	7	4
Sorghum grain:							
Hours per acre .....		17.5	13.1	8.8	5.9	4.2	3.8
Yield-bushels .....		16.8	12.8	17.8	29.2	52.9	54.2
Hours per 100 bushels .....		104	102	49	20	8	7
Wheat:							
Hours per acre .....	13.6	10.5	8.8	5.7	3.8	2.9	2.8
Yield-bushels .....	13.9	14.1	13.2	16.9	22.3	27.5	31.4
Hours per 100 bushels .....	98	74	67	34	17	11	9
Hay:							
Hours per acre .....	13.0	12.0	11.3	8.4	6.0	3.8	3.4
Yield-ton .....	1.25	1.22	1.24	1.35	1.61	1.97	2.20
Hours per ton .....	10.4	9.8	9.1	6.2	3.7	1.9	1.6
Potatoes:							
Hours .....	73.8	73.1	69.7	68.5	53.1	45.1	37.6
Yield-cwt .....	56.9	68.4	70.3	117.8	178.1	212.8	262.8
Hours per ton .....	26	21	20	12	6	4	3
Sugarbeets:							
Hours per acre .....	125	109	98	85	51	33	26
Yield-ton .....	9.6	10.9	11.6	13.6	17.4	17.5	20.0
Hours per ton .....	13.0	10.0	8.4	6.3	2.9	1.9	1.3
Cotton:							
Hours per acre .....	105	96	99	83	66	30	8
Yield-pounds .....	168	171	226	273	428	484	485
Hours per bale .....	299	268	209	146	74	30	8
Tobacco:							
Hours per acre <sup>3</sup> .....	353	370	415	460	475	427	254
Yield-pounds .....	803	772	886	1,176	1,541	1,960	2,011
Hours per 100 pounds .....	44	48	47	39	31	22	13
Soybeans:							
Hours per acre .....	19.9	15.9	11.8	8.0	5.2	4.8	3.7
Yield-bushels .....	13.9	12.6	18.5	19.6	22.7	25.8	29.7
Hours per 100 bushels .....	143	126	64	41	23	19	12

<sup>1</sup> Labor-hours per acre harvested, including preharvest work on area abandoned, grazed, and turned under.<sup>2</sup> Preliminary.<sup>3</sup> Per acre planted and harvested.

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Table 638.—Livestock: Labor-hours per unit of production and related factors, United States, indicated periods, 1915-79

Kind of livestock and item	1915-19	1925-29	1935-39	1945-49	1955-59	1965-69	1975-79 <sup>1</sup>
Milk cows:							
Hours per cow .....	141	145	148	129	109	78	45
Milk per cow (pounds) .....	3,790	4,437	4,401	4,992	6,307	8,820	11,013
Hours per cwt. of milk .....	3.7	3.3	3.4	2.6	1.7	.9	.4
Cattle other than milk cows:							
Hours per cwt. of beef produced <sup>2,3</sup> .....	4.5	4.3	4.2	4.0	3.2	2.1	1.4
Hogs:							
Hours per cwt. produced <sup>3</sup> .....	3.6	3.3	3.2	3.0	2.4	1.4	.5
Chickens (laying flocks and eggs):							
Hours per 100 layers .....		218	221	240	175	97	57
Rate of lay .....		117	129	161	200	219	236
Hours per 100 eggs produced .....		1.9	1.7	1.5	.9	.4	.2
Chickens (farm raised):							
Hours per 100 birds .....	33	32	30	29	23	14	12
Hours per cwt. produced <sup>3</sup> .....	9.4	9.4	9.0	7.7	6.7	3.7	3.0
Chickens (broilers):							
Hours per 100 birds .....			25	16	4	2	.6
Hours per cwt. produced <sup>3</sup> .....			8.5	5.1	1.3	.5	.1
Turkeys:							
Hours per cwt. produced <sup>3</sup> .....	31.1	28.5	23.7	13.1	4.4	1.3	.5

<sup>1</sup> Preliminary.<sup>2</sup> Production includes beef produced as a byproduct of the milk-cow enterprise.<sup>3</sup> Live-weight production.

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**Table 639.—Industrial production and income: Index numbers of production in selected lines and aggregate weekly payroll index, United States, 1965-79**  
[1967 = 100]

Year	Industrial production <sup>1</sup>					Ag- gre- gate weekly pay- roll index <sup>2</sup>	Year	Industrial production <sup>1</sup>					Ag- gre- gate weekly pay- roll index <sup>2</sup>
	Total	Man- ufac- turing	Du- rable man- ufac- turing	Non- du- rable man- ufac- turing	Min- ing			Total	Man- ufac- turing	Du- rable man- ufac- turing	Non- du- rable man- ufac- turing	Min- ing	
1965 .....	89.8	89.7	89.0	90.9	93.2	88.1	1973 .....	129.8	129.8	127.1	133.8	114.7	149.2
1966 .....	97.8	97.9	98.9	96.7	98.2	97.8	1974 .....	129.3	129.4	125.7	134.6	115.3	157.1
1967 .....	100.0	100.0	100.0	100.0	100.0	100.0	1975 .....	117.8	116.3	109.3	126.4	112.8	151.0
1968 .....	106.3	106.4	106.5	106.2	104.2	108.3	1976 .....	130.5	130.3	122.3	141.8	114.2	172.4
1969 .....	111.1	111.0	110.6	111.5	108.3	116.6	1977 .....	138.2	138.4	130.0	150.5	118.2	194.5
1970 .....	107.8	106.4	102.3	112.3	112.2	114.1	1978 .....	146.1	146.8	139.7	156.9	124.0	223.8
1971 .....	109.6	108.2	102.4	116.6	109.8	116.7	1979 <sup>3</sup> .....	152.1	153.2	146.3	163.2	125.3	246.1
1972 .....	119.7	118.9	113.7	126.5	113.1	131.5							

<sup>1</sup>Data from Board of Governors of the Federal Reserve System.

<sup>2</sup>For manufacturing. (Department of Labor series.)

<sup>3</sup>Preliminary.

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**Table 640.—Railroad freight rates: Index numbers for specified commodities, 1965-79**

Year	Railroad freight rate indexes 1967 = 100 <sup>1</sup>								
	Meats	Fruits and vege- tables	Wheats	All grains	Soybeans	Cotton	Wool	Tobacco	Combined indexes <sup>2</sup>
1965 .....	104	99	99	101	99	100	100	100	101
1966 .....	100	99	99	100	99	100	100	99	100
1967 .....	100	100	100	100	100	100	100	100	100
1968 .....	103	103	101	100	101	100	101	102	101
1969 .....	107	108	102	100	103	103	106	108	103
1970 .....	117	118	113	109	114	113	119	118	114
1971 .....	132	134	125	121	126	126	134	132	126
1972 .....	136	138	120	121	127	131	136	137	129
1973 .....	138	140	124	122	130	134	140	142	131
1974 .....	162	161	147	146	158	155	165	166	154
1975 .....	189	184	169	166	182	167	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1976 .....	212	208	183	181	201	183	.....	.....	.....
1977 .....	227	210	199	194	219	168	.....	.....	.....
1978 <sup>4</sup> .....	288	216	214	206	237	146	.....	.....	.....
1979 <sup>4</sup> .....	354	239	247	239	283	167	.....	.....	.....

<sup>1</sup>All index number series are of the weighted aggregate type. They are based on averages of rates in effect during the year. Annual averages are computed by weighting the rates by the number of days they are in effect.

<sup>2</sup>Combined index includes corn and small grains in addition to other products for which data are shown separately.  
<sup>3</sup>Beginning 1975, indexes for wool, tobacco, and all commodities combined have been discontinued. Those for wool and tobacco are dropped because of limited traffic. The Bureau of Labor Statistics now reports monthly an index on farm products and a separate index for food and kindred products.

<sup>4</sup>These indexes use revised volumes and, in some instances, different origins and/or destinations than were used in earlier years. They were linked to the earlier series through computation on both bases for 1976.

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#### FOOTNOTES FOR TABLE 634

<sup>1</sup>For States included in regions, see footnote 1, table 670.      <sup>2</sup>Preliminary.

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Table 641.—Marketing costs: Labor, transportation, corporate profits, and other costs, for marketing farm food products, United States, 1965-79<sup>1</sup>

Year	Labor <sup>2</sup>	Rail and truck transportation <sup>3</sup>	Corporate profits <sup>4</sup>		Other <sup>5</sup>	Total marketing bill
			Before taxes	After taxes		
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1965 .....	23.3	4.2	3.0	1.6	23.5	54.0
1966 .....	24.6	4.2	3.4	1.8	24.9	57.1
1967 .....	25.9	4.3	3.4	1.8	28.2	61.8
1968 .....	28.0	4.5	3.6	1.8	29.0	65.1
1969 .....	30.4	4.6	3.6	1.6	28.9	67.5
1970 .....	32.2	5.2	3.6	1.6	32.9	73.9
1971 .....	34.5	6.0	3.9	2.1	34.9	79.3
1972 .....	37.2	6.1	4.0	1.9	33.7	81.0
1973 .....	40.2	6.0	5.3	2.8	34.2	85.7
1974 .....	44.4	7.2	6.1	3.0	38.8	96.5
1975 .....	48.8	8.3	7.5	3.6	46.9	111.5
1976 .....	53.9	9.5	7.6	3.9	52.4	123.4
1977 .....	59.4	10.0	8.0	4.0	54.6	132.0
1978 .....	66.7	10.9	9.1	4.7	57.4	144.1
1979 <sup>6</sup> .....	74.1	12.3	10.2	5.3	65.4	162.0

<sup>1</sup>For domestic farm foods bought by civilian consumers in this country.<sup>2</sup>Labor cost includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. It also includes supplements to wages and salaries such as social security and unemployment insurance taxes and health insurance premiums, but it does not include the cost of labor employed in for-hire transportation.<sup>3</sup>Includes charges for protective services, heating and refrigeration; does not include local handling. Charges for intercity transportation by water and air are a part of the "other" or residual component of the marketing bill.<sup>4</sup>Does not include profits of unincorporated firms or transportation firms.<sup>5</sup>Residual component; includes other costs such as advertising, depreciation, fuel, electric power, containers, packaging materials, air and water transportation, interest on borrowed capital, taxes other than those on income, and noncorporate profits.<sup>6</sup>Preliminary.

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Table 642.—Farm-retail price spreads: Market basket of farm-originated food products by food group, United States 1968-79<sup>1</sup>

Year	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm retail spread <sup>4</sup>	Farm value share of retail cost	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm retail spread <sup>4</sup>	Farm value share of retail cost
	Market basket of farm food products				Bakery and cereal products			
	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Percent</i>	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Percent</i>
1968 .....	103.6	105.3	102.6	38	103.6	97.5	104.7	16
1969 .....	109.1	114.8	105.7	39	106.3	97.7	108.1	16
1970 .....	113.7	114.0	113.5	37	112.0	103.7	113.8	16
1971 .....	115.7	114.6	116.4	37	116.3	106.5	118.3	16
1972 .....	121.3	125.1	119.1	38	115.9	112.4	116.7	17
1973 .....	142.3	167.9	127.0	43	128.9	167.9	120.8	22
1974 .....	161.9	181.5	150.4	41	167.3	243.1	151.6	24
1975 .....	173.6	187.8	165.2	40	183.7	200.2	180.3	19
1976 .....	175.4	178.0	173.9	38	180.8	162.3	184.6	15
1977 .....	179.2	178.3	179.7	37	183.7	138.2	193.2	13
1978 .....	199.4	205.6	195.7	38	199.9	163.9	207.3	14
1979 <sup>5</sup> .....	222.7	228.2	219.5	38	220.2	190.0	226.3	15

See footnotes at end of table.

Table 642.—Farm-retail price spreads: Market basket of farm-originated food products by food group, United States, 1968-79<sup>1</sup>—Continued

Year	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm retail spread	Farm value share of retail cost	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm retail spread	Farm value share of retail cost
	Meat products				Fruits and vegetables, fresh			
	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Percent</i>	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Percent</i>
1968	100.6	101.6	99.5	54	111.8	119.5	108.2	34
1969	111.4	116.4	105.5	56	112.0	113.0	111.5	32
1970	116.6	113.7	120.0	53	116.2	111.2	118.6	30
1971	115.5	112.1	119.3	52	121.9	121.8	121.9	32
1972	129.3	133.2	124.7	56	128.8	126.4	129.8	31
1973	160.1	179.5	137.4	60	154.0	166.7	148.1	34
1974	162.7	162.1	163.9	54	160.6	170.3	156.1	33
1975	178.3	188.3	166.5	57	165.4	172.4	162.1	33
1976	178.5	170.1	188.4	51	171.2	168.0	172.6	31
1977	174.2	169.8	179.5	53	194.9	193.2	195.8	31
1978	206.8	206.4	207.3	54	222.4	225.4	221.0	32
1979 <sup>5</sup>	241.9	234.6	250.4	52	238.5	221.0	246.5	29
	Dairy products				Fats and oils			
	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Percent</i>	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Percent</i>
1968	102.7	104.0	101.7	47	96.3	89.4	99.0	26
1969	106.1	109.3	103.3	48	96.4	91.4	98.4	26
1970	111.3	113.9	109.1	48	108.3	111.2	100.9	30
1971	114.7	116.2	113.4	47	113.5	128.6	107.7	32
1972	116.4	118.9	114.2	48	114.9	110.2	116.7	27
1973	128.6	135.2	119.2	50	127.1	172.8	109.5	38
1974	150.7	159.3	143.3	49	192.5	324.6	141.6	47
1975	154.0	163.6	145.6	49	206.3	253.8	188.7	34
1976	168.5	185.9	153.3	51	176.7	206.4	165.2	33
1977	173.3	187.2	161.3	50	192.0	249.3	169.9	36
1978	185.5	204.7	168.8	51	209.6	257.4	191.1	34
1979 <sup>5</sup>	207.0	233.0	184.4	52	226.3	277.4	206.7	34
	Poultry and eggs				Fruits and vegetables, processed			
	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Percent</i>	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Index</i> 1967=100	<i>Percent</i>
1968	108.4	105.8	111.4	51	110.8	121.6	108.5	20
1969	116.1	126.1	104.9	57	114.5	126.5	108.2	21
1970	114.0	114.2	113.8	53	114.3	118.0	113.5	19
1971	108.5	104.8	126.7	51	120.0	121.8	119.6	18
1972	108.9	106.6	111.4	52	122.7	127.5	121.5	19
1973	150.4	179.2	118.4	63	130.6	137.0	128.0	19
1974	152.6	175.0	127.7	60	159.1	192.5	151.7	22
1975	160.9	186.8	132.1	61	179.6	211.2	172.7	21
1976	163.3	185.3	138.9	60	181.7	202.8	177.1	20
1977	162.0	182.1	139.7	59	190.2	188.5	190.6	18
1978	167.6	192.9	139.4	61	208.7	221.9	205.8	19
1979 <sup>5</sup>	173.4	198.7	155.9	59	226.6	236.5	224.4	19

<sup>1</sup>The market basket represents purchasing patterns of domestically produced farm foods in food stores by households from July 1972 through June 1974. <sup>2</sup>Special index of retail prices for domestically produced foods published by the Bureau of Labor Statistics. <sup>3</sup>Gross return or payment to farmers for the farm products equivalent to foods in the market basket. <sup>4</sup>The spread between the retail cost and farm value is an estimate of the gross margin received by marketing firms for assembling, processing, transporting, and distributing the products. <sup>5</sup>Preliminary.

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Table 643.—Marketing bill for U.S. farm foods: Civilian consumer expenditures, farm value, and marketing bill, 1965-79<sup>1</sup>

Year	Total marketing bill	Farm value	Civilian expenditures for farm foods	Year	Total marketing bill	Farm value	Civilian expenditures for farm foods
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>		<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1965 .....	54.0	27.1	81.1	1973 .....	85.7	51.0	136.7
1966 .....	57.1	29.8	86.9	1974 .....	96.5	55.8	152.3
1967 .....	61.8	28.8	90.6	1975 .....	111.5	54.9	166.4
1968 .....	65.1	30.4	95.5	1976 .....	123.4	57.5	180.9
1969 .....	67.5	33.7	101.2	1977 .....	132.0	57.3	189.3
1970 .....	73.9	34.8	108.7	1978 .....	144.1	68.3	212.4
1971 .....	79.3	35.4	114.7	1979 <sup>2</sup> .....	162.0	76.8	238.8
1972 .....	81.0	39.3	120.3				

<sup>1</sup>The total marketing bill is the difference between total civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to domestic food bought by civilian consumers and not to that sold to the Armed Forces or exported.

<sup>2</sup>Preliminary.

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Table 644.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1978 and 1979

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1978	1979 <sup>2</sup>	1978		1979	
			Based on data for—	Parity price	Based on data for—	Parity price
Basic commodities:						
Cotton:	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
American upland .....	0.581	0.623	July .....	0.906	July .....	0.999
Extra-long staple .....	.917	.998	July .....	1.27	July .....	1.61
Wheat .....	2.98	3.82	June .....	5.29	June .....	5.98
Rice .....	8.16	11.00	June .....	15.30	June .....	17.20
Corn .....	2.25	2.41	Sept .....	3.74	Sept .....	4.21
Peanuts .....	.211	.207	July .....	.315	July .....	.358
Tobacco:						
Flue-cured, types 11-14 .....	1.350	1.400	June .....	1.76	June .....	2.03
Va., fire-cured, type 21 .....	.945	1.079	Nov .....	1.43	Nov .....	1.68
Ky.-Tenn. fire-cured, types 22-23 .....	1.125	1.152	Dec .....	1.64	Dec .....	1.90
Burley, type 31 .....	1.312	1.452	Oct .....	1.85	Oct .....	2.10
Maryland, type 32 <sup>4</sup> .....	1.231	1.398	Mar .....	1.66	Mar .....	1.90
Dark air-cured, types 35-36 .....	.991	1.117	Nov .....	1.39	Nov .....	1.60
Sun-cured, type 37 .....	.888	.908	Oct .....	1.43	Oct .....	1.60
Pa. seedleaf, type 41 .....	.620	.720	Dec .....	.932	Dec .....	1.06
Cigar filler and binder, types 42-44, 54-55 .....	.959	1.149	Sept .....	1.17	Sept .....	1.37
Puerto Rican filler, type 46 .....	.602	n.a.	Jan .....	1.04	Jan .....	1.23
Cigar binder, types 51-52 .....	1.449	1.555	Oct .....	1.55	Oct .....	1.85
Designated nonbasic commodities:						
Tung nuts .....	( <sup>5</sup> )	( <sup>5</sup> )	Oct. <sup>6</sup> .....	61.60	Oct. <sup>7</sup> .....	131.00
Milkfat, in cream .....	1.02	1.19	Dec. <sup>8</sup> .....	1.31	Dec. <sup>8</sup> .....	1.46
All milk, sold to plants .....	10.60	12.00	Dec. <sup>8</sup> .....	13.00	Dec. <sup>8</sup> .....	14.60
Fluid market .....	10.80	12.20				
Manufacturing grade .....	9.65	11.10				
Honey, extracted (wholesale) .....	9.511	.553	Dec. <sup>8</sup> .....	.563	Dec. <sup>8</sup> .....	.668
Wool and mohair:						
Wool .....	10.745	.863	Dec. <sup>8</sup> .....	1.37	Dec. <sup>8</sup> .....	1.52
Mohair .....	11.459	5.10	Dec. <sup>8</sup> .....	2.45	Dec. <sup>8</sup> .....	3.02

See footnotes at end of table.

Table 644.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1978 and 1979—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1978	1979 <sup>2</sup>	1978		1979	
			Based on data for—	Parity price	Based on data for—	Parity price
Other nonbasic commodities:						
Field crops and miscellaneous:	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
Barley .....	bushel.. 1.92	2.31	June .....	3.26	June .....	3.94
Beans, dry edible .....	cwt.. 17.30	23.00	July .....	29.60	July .....	33.60
Cottonseed .....	ton.. 114.00	122.00	July .....	150.00	July .....	173.00
Crude pine gum .....	barrel.. 67.82	80.01	Mar .....	102.00	Mar .....	116.00
Flaxseed .....	bushel.. 5.74	5.96	June .....	9.41	June .....	10.50
Hay, all, baled .....	ton.. 49.80	59.70	Jan .....	70.60	Jan .....	80.50
Hops .....	pound.. 90.1	97.6	July .....	1.39	July .....	1.57
Oats .....	bushel.. 1.20	1.36	June .....	1.91	June .....	2.16
Peas, dry field .....	cwt.. 8.04	10.10	July .....	16.90	July .....	18.40
Peppermint oil .....	pound.. 10.60	9.90	July .....	17.00	July .....	19.30
Popcorn, shelled basis .....	cwt.. 8.44	9.17	July .....	10.90	July .....	12.80
Potatoes .....	cwt.. 3.38	3.47	Apr .....	6.23	Apr .....	6.96
Rye .....	bushel.. 1.98	2.05	June .....	3.07	June .....	3.50
Sorghum grain .....	cwt.. 3.61	4.16	Sept .....	6.21	Sept .....	7.01
Soybeans .....	bushel.. 6.66	6.19	Aug .....	8.76	Aug .....	10.10
Spearmin oil .....	pound.. 7.46	8.78	July .....	15.50	July .....	17.00
Sweetpotatoes .....	cwt.. 10.50	8.63	June .....	15.20	June .....	17.70
Tobacco:						
Cigar wrapper, type 61 .....	pound.. 7.50	8.50	Dec .....	.....	Dec .....	11.50
Cigar wrapper, type 62 .....	do.. n.a.	n.a.	Oct .....	6.59	Oct .....	6.47
Fruits:						
Citrus (equiv. on-tree): <sup>12</sup>						
Grapefruit .....	box.. 1.55	2.17	Aug .....	3.48	Aug .....	3.70
Lemons .....	box.. 2.27	4.69	Oct .....	6.31	Oct .....	7.16
Limes, Florida .....	box.. 15.72	12.41	Mar .....	11.00	Mar .....	13.70
Oranges .....	box.. 4.21	5.01	Oct .....	4.00	Oct .....	4.86
Tangelos .....	box.. 3.29	3.75	.....	.....	.....	.....
Tangerines .....	box.. 5.02	5.64	Oct .....	6.21	Oct .....	7.31
Templets .....	box.. 3.92	4.95	.....	.....	.....	.....
Deciduous and other:						
Apples:						
For all sales .....	pound.. 1.04	1.08	.....	.....	.....	.....
For fresh consumption <sup>13</sup> .....	do.. 1.39	1.52	June .....	1.80	June .....	2.08
For processing .....	ton.. 117.00	115.00	July .....	151.00	July .....	172.00
Apricots:						
For all sales .....	ton.. 249.00	272.00	.....	.....	.....	.....
For fresh consumption .....	ton.. 498.00	n.a.	May .....	826.00	May .....	992.00
Dried, California (dried basis) .....	ton.. 1,950.00	2,035.00	June .....	3,280.00	June .....	3,840.00
For processing (except dried) .....	ton.. 228.00	n.a.	July .....	1,100.00	July .....	309.00
Avocados .....	ton.. 645.00	1,209.00	Sept .....	1,110.00	Sept .....	1,240.00
Berries for processing (Washington and Oregon):						
Blackberries .....	pound.. 506	578	July .....	483	July .....	595
Boysenberries/youngberries .....	do.. 815	792	July .....	587	July .....	768
Gooseberries .....	do.. 220	220	July .....	264	July .....	309
Loganberries .....	do.. 413	609	July .....	538	July .....	633
Raspberries, black .....	do.. 750	852	July .....	914	July .....	1,06
Raspberries, red .....	do.. 725	678	July .....	599	July .....	742
Cherries:						
Sweet .....	ton.. 692.00	603.00	Apr .....	758.00	Apr .....	867.00
Tart .....	pound.. 438	472	May .....	294	May .....	372
Cranberries .....	barrel.. 21.50	25.60	Aug .....	26.20	Aug .....	29.40
Dates, California <sup>14</sup> .....	ton.. 485.00	484.00	Aug .....	434.00	Aug .....	521.00
Figs:						
For fresh consumption, and canned, California .....	ton.. 352.00	416.00	.....	.....	.....	.....
Dried, California (dried basis) .....	ton.. 940.00	1,217.00	.....	.....	.....	.....
Grapes:						
For all sales .....	ton.. 233.00	237.00	.....	.....	.....	.....
Raisin varieties dried, California (dried basis) .....	ton.. 1,067.00	1,151.00	Aug .....	1,040.00	Aug .....	1,260.00
Grapes, excluding raisin varieties, dried, California (fresh basis) .....	ton.. 481.00	267.00	May .....	253.00	May .....	309.00
Nectarines (California): <sup>14</sup>						
For fresh consumption .....	ton.. 313.00	195.00	May .....	390.00	May .....	453.00
For processing .....	ton.. 24.70	60.00	July .....	199.00	July .....	182.00

See footnotes at end of table.



Table 644.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1978 and 1979—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1978	1979 <sup>2</sup>	1978		1979	
			Based on data for—	Parity price	Based on data for—	Parity price
Other nonbasic commodities—Continued						
Fruits—Continued						
Deciduous and other—Continued						
Olives (California): <sup>14</sup>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
For all sales .....	294.00	388.00				
Crushed for oil .....	52.00	65.00	July .....	100.00	July .....	83.70
For processing (except crushed) .....	309.00	405.00	July .....	678.00	July .....	692.00
For canning .....	340.00	420.00	July .....	731.00	July .....	749.00
Peaches:						
For all sales .....	121	117				
For fresh consumption <sup>15</sup> .....	171	155	Apr .....	239	Apr .....	284
Dried, California (dried basis) .....	1,619.00	1,210.00	July .....	2,040.00	July .....	2,360.00
For processing (except dried):						
Clingstone <sup>14</sup> .....	162.00	178.00	June .....	191.00	June .....	218.00
Freestone .....	123.00	148.00	July .....	198.00	July .....	215.00
Pears:						
For all sales .....	220.00	204.00				
For fresh consumption <sup>16</sup> .....	267.00	275.00	May .....	294.00	May .....	341.00
Dried, California (dried basis) .....	2,000.00	930.00	Aug .....	1,900.00	Aug .....	2,280.00
For processing (except dried) .....	185.00	165.00	July .....	233.00	July .....	260.00
Plums (equiv. on-tree) (California):						
For all sales .....	370.00	270.00				
For fresh consumption .....	377.00	273.00				
For processing .....	29.30	42.90				
Pomegranates, California .....	233.00	338.00				
Prunes, dried (California) .....	696.00	850.00				
Prunes and plums (excl. Calif.):						
For fresh consumption .....	188.00	258.00				
For processing (except dried) .....	99.90	114.00				
Strawberries:						
For fresh consumption .....	357	428	Jan .....	563	Jan .....	621
For processing .....	188	285	July .....	371	July .....	401
Seed crops:						
Alfalfa .....	117.00	114.00	July .....	126.00	July .....	151.00
Bentgrass .....	125.00	190.00	July .....	105.00	July .....	131.00
Chewing fescue (Oregon) .....	59.00	72.00	Jan .....	63.90	Jan .....	75.30
Crimson clover .....	49.00	50.00	Jan .....	58.30	Jan .....	67.20
Hairy vetch .....	32.00	38.00	Jan .....	31.80	Jan .....	38.00
Ladino clover .....	138.00	136.00	Jan .....	174.00	Jan .....	197.00
Lespedeza .....	46.00	36.70	July .....	59.90	July .....	69.40
All Kentucky bluegrass .....	65.40	79.60	Jan .....	164.00	Jan .....	183.00
Orchardgrass .....	40.00	44.30	Jan .....	47.70	Jan .....	54.60
Red clover .....	68.00	62.30	July .....	93.30	July .....	107.00
Red fescue .....	57.00	74.00	Jan .....	65.00	Jan .....	76.50
Tall fescue .....	12.10	21.80	Jan .....	26.20	Jan .....	28.70
Timothy .....	43.50	34.30	July .....	38.30	July .....	48.00
Sugar crops:						
Maple sirup .....	12.90	14.10				
Sugarbeets .....	25.20	n.a.	July .....	47.10	July .....	51.80
Sugarcane for sugar <sup>17</sup> .....	19.40	n.a.	July .....	35.90	July .....	40.00
Tree nuts:						
Almonds .....	1.45	1.54	July .....	1,630.00	July .....	3,340.00
Filberts .....	806.00	951.00	July .....	1,110.00	July .....	1,250.00
Pecans, all .....	605	552	July .....	1,750.00	July .....	1,960.00
Improved .....	645	700				
Seedling .....	529	420				
Walnuts .....	1,302.00	819.00	July .....	1,040.00	July .....	1,250.00
Vegetables for fresh market:						
Artichokes, California <sup>18</sup> .....	37.10	33.30	July .....	26.40	July .....	31.80
Asparagus .....	51.80	63.60	Jan .....	57.00	Jan .....	66.60
Broccoli <sup>18</sup> .....	18.10	19.20	Jan .....	24.70	Jan .....	26.30
Cabbage .....	8.48	8.10	Jan .....	9.25	Jan .....	10.70
Cantaloupe .....	9.64	11.30	Jan .....	15.20	Jan .....	16.90
Carrots .....	10.10	10.60	Dec. <sup>8</sup> .....	10.30	Dec. <sup>8</sup> .....	10.70
Cauliflower <sup>18</sup> .....	21.20	21.50	Nov. <sup>8</sup> .....	23.50	Nov. <sup>8</sup> .....	25.10
Celery .....	12.30	9.38	Dec. <sup>8</sup> .....	11.40	Dec. <sup>8</sup> .....	12.80
Cucumbers .....	12.10	14.70	Jan .....	16.10	Jan .....	17.90

See footnotes at end of table.

Table 644.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1978 and 1979—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity prices <sup>3</sup>			
	1978	1979 <sup>2</sup>	1978		1979	
			Based on data for—	Parity price	Based on data for—	Parity price
Other nonbasic commodities—Continued						
Vegetables for fresh market—Continued	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
Eggplant .....	cwt.. 12.60	15.20	Jan .....	18.40	Jan .....	19.80
Escarole .....	cwt.. 20.90	18.40	Jan .....	19.10	Jan .....	22.90
Garlic .....	cwt.. 30.00	23.00	Jan .....	20.30	Jan .....	22.90
Green peppers .....	cwt.. 21.70	22.60	Jan .....	25.60	Jan .....	29.10
Honeydew melons .....	cwt.. 9.62	10.90	Apr .....	14.70	Apr .....	16.40
Lettuce .....	cwt.. 9.90	9.22	Nov. <sup>8</sup> .....	11.70	Nov. <sup>8</sup> .....	12.90
Onions .....	cwt.. 8.65	7.56	Feb .....	11.00	Feb .....	12.20
Snap beans .....	cwt.. 26.00	27.10	Jan .....	30.60	Jan .....	35.20
Spinach .....	cwt.. 21.50	24.10	Jan .....	26.40	Jan .....	30.00
Sweet corn .....	cwt.. 8.84	9.89	Jan .....	12.40	Jan .....	13.90
Tomatoes .....	cwt.. 19.60	22.60	Dec. <sup>8</sup> .....	27.60	Dec. <sup>8</sup> .....	31.40
Watermelons .....	cwt.. 3.98	4.57	Jan .....	5.32	Jan .....	6.03
Vegetables for processing:						
Asparagus .....	ton.. 771.00	900.00	Jan .....	840.00	Jan .....	999.00
Beets .....	ton.. 39.70	42.60	Jan .....	55.00	Jan .....	62.10
Cabbage .....	ton.. 31.50	31.70	Jan .....	45.10	Jan .....	50.60
Cucumbers .....	ton.. 130.00	145.00	Jan .....	201.00	Jan .....	220.00
Green peas .....	ton.. 206.00	211.00	Jan .....	275.00	Jan .....	312.00
Lima beans .....	ton.. 359.00	366.00	July .....	479.00	July .....	545.00
Snap beans .....	ton.. 146.00	153.00	Jan .....	220.00	Jan .....	243.00
Spinach .....	ton.. 78.70	86.10	Jan .....	96.70	Jan .....	110.00
Sweet corn .....	ton.. 49.90	51.30	July .....	70.80	July .....	81.10
Tomatoes .....	ton.. 64.20	67.60	Jan .....	87.50	Jan .....	97.50
Livestock and livestock products:						
All beef cattle .....	cwt.. 48.50	66.00	Dec. <sup>8</sup> .....	58.60	Dec. <sup>8</sup> .....	64.40
Cows .....	cwt.. 35.80	50.00	.....	.....	.....	.....
Steers and heifers .....	cwt.. 51.70	69.80	.....	.....	.....	.....
Calves .....	cwt.. 59.10	88.80	Dec. <sup>8</sup> .....	68.30	Dec. <sup>8</sup> .....	74.50
Beeswax .....	pound.. 1.74	1.75	July .....	1.71	July .....	2.06
Chickens:						
Excluding broilers, live .....	do.... 124	144	.....	.....	.....	.....
Broilers, live .....	do.... 263	259	.....	.....	.....	.....
Eggs .....	dozen.. 522	583	Dec. <sup>8</sup> .....	813	Dec. <sup>8</sup> .....	909
Hogs .....	cwt.. 46.60	41.80	Dec. <sup>8</sup> .....	55.70	Dec. <sup>8</sup> .....	63.20
Lambs .....	cwt.. 62.70	66.70	Dec. <sup>8</sup> .....	62.20	Dec. <sup>8</sup> .....	71.80
Milk cows <sup>19</sup> .....	head.. 675.00	1,040.00	.....	.....	.....	.....
Milk, retail <sup>20</sup> .....	quart.. 388	423	.....	.....	.....	.....
Sheep .....	cwt.. 21.70	26.30	Dec. <sup>8</sup> .....	17.40	Dec. <sup>8</sup> .....	19.90
Turkeys, live .....	pound.. 436	411	Dec. <sup>8</sup> .....	494	Dec. <sup>8</sup> .....	551

<sup>1</sup> Season average prices for crops; weighted calendar year average for livestock and livestock products, except chickens, eggs, and hogs, which are on a Nov.-Dec. marketing year basis. Unless otherwise noted, these are averages for marketing season or calendar year computed by weighting State prices by quantities sold, or by production for those commodities for which virtually all the production is sold.

<sup>2</sup> Preliminary.

<sup>3</sup> Parity prices as computed, currently using base prices in effect and indexes for months indicated. Parity prices shown are those for the most recent month available preceding the start of the crop marketing season for crops and the calendar year for livestock and livestock products.

<sup>4</sup> Crop is sold during year following production. 1979 price is average of auction sales through May 4, 1980. Parity prices are for March 1978 and 1979.

<sup>5</sup> No production since 1972.

<sup>6</sup> Based on average of 4-season average prices, 1969-72.

<sup>7</sup> Based on average of 8-season average prices, 1970-72.

<sup>8</sup> Previous year.

<sup>9</sup> State annual average prices weighted by production to obtain U.S. averages.

<sup>10</sup> Average local market price for wool sold excluding incentive payment.

<sup>11</sup> Average local market price for mohair sold excluding incentive payment.

<sup>12</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest is completed.

<sup>13</sup> Equivalent packinghouse-door returns for Oregon and Washington, equivalent first delivery point returns for California, and prices as sold for other States.

<sup>14</sup> Equivalent per unit returns for bulk fruit at first delivery point.

<sup>15</sup> Prices for fresh use in Arkansas, California, Georgia, Maryland, Michigan, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Virginia, Washington, and West Virginia, and average price for all sales in all other States.

<sup>16</sup> Packinghouse-door returns for fresh consumption for Oregon and Washington, equivalent first delivery point returns for California, average prices for fresh use for Michigan and New York, and average prices for all methods of sale for other States.

<sup>17</sup> Continental United States only.

<sup>18</sup> Includes some processing.

<sup>19</sup> Simple average of States weighted by estimated Jan. 1 head for U.S. average.

<sup>20</sup> Sold by farmers directly to consumers.

n.a. not available.

**Table 645.—Producer prices: Index numbers, by groups of commodities, United States, 1965–79**  
[1967 = 100]

Year	Farm products	All foods	Hides, skins, leather, and related products	Fuels and related products and power	Chemicals and allied products	Rubber and plastic products	Lumber and wood products	Metals and metal products	Furniture and household durables	Tobacco products <sup>1</sup>	Industrial commodities <sup>2</sup>	All commodities
1965 .....	98.7	96.2	94.3	95.5	99.0	95.9	95.9	96.4	96.9	94.1	96.4	96.6
1966 .....	105.9	101.9	103.4	97.8	99.4	97.8	100.2	98.8	98.0	97.1	98.5	99.8
1967 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 .....	102.5	103.4	103.2	98.9	99.8	103.4	113.3	102.6	102.8	102.0	102.5	102.5
1969 .....	109.1	109.7	108.9	100.9	99.9	105.3	125.3	108.5	104.9	107.1	106.0	106.5
1970 .....	111.0	113.6	110.3	106.2	102.2	108.3	113.6	116.6	107.5	113.6	110.0	110.4
1971 .....	112.9	115.5	114.1	115.2	104.1	109.1	127.3	118.7	110.0	116.7	114.1	114.0
1972 .....	125.0	121.8	131.3	118.6	104.2	109.3	144.3	123.5	111.4	117.5	117.9	119.1
1973 .....	176.3	146.9	143.1	134.3	110.0	112.4	177.2	132.8	115.2	121.9	125.9	134.7
1974 .....	187.7	174.4	145.1	208.3	146.8	136.2	183.6	171.9	127.9	132.8	153.8	160.1
1975 .....	186.7	186.0	148.5	245.1	181.3	150.2	176.9	185.6	139.7	149.6	171.5	174.9
1976 .....	191.0	178.9	167.8	265.6	187.2	159.2	205.6	195.9	145.6	163.0	182.4	183.0
1977 .....	192.5	186.8	179.3	302.2	192.8	167.6	236.3	209.0	151.5	179.8	195.1	194.2
1978 .....	212.5	206.4	200.0	322.5	198.8	174.8	276.0	227.1	160.4	198.5	209.4	209.3
1979 <sup>3</sup> .....	241.4	226.4	252.2	408.1	222.1	194.1	300.3	259.3	171.0	217.8	236.3	235.6

<sup>1</sup>The index for tobacco products and bottled beverages formerly appearing in this table was discontinued in 1967.

<sup>2</sup>Prior to January 1967, classified as "all commodities other than farm products and processed food."

<sup>3</sup>Preliminary.

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Compiled from reports of the U.S. Department of Labor. Beginning January 1971, data represent the revised sample and the 1967 weighting pattern; previously reported on a 1957–59 = 100 basis.

**Table 646.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1965–79<sup>1</sup>**  
[1910–14 = 100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market <sup>2</sup>	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweetpotatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Wool <sup>3</sup>	Livestock and livestock products	All farm products	Ratio <sup>4</sup>
1965 ....	163	174	245	513	265	240	241	262	305	293	230	315	260	144	.....	260	245	76
1966 ....	185	181	215	552	293	246	241	285	341	194	238	353	295	157	.....	290	264	79
1967 ....	176	174	190	555	269	227	222	283	334	187	225	335	308	131	.....	275	250	73
1968 ....	160	157	192	567	257	304	309	305	358	195	225	346	322	139	.....	286	255	73
1969 ....	154	167	173	594	249	228	224	300	369	203	217	398	337	157	.....	322	268	73
1970 ....	162	179	183	604	265	217	214	292	366	218	225	405	350	147	.....	325	274	72
1971 ....	166	187	206	627	297	246	249	322	421	202	242	407	359	134	.....	323	281	71
1972 ....	192	181	245	685	329	265	269	326	431	226	257	496	372	137	.....	372	313	74
1973 ....	379	283	274	718	608	312	305	379	521	385	394	664	440	231	.....	502	447	91
1974 ....	529	423	433	821	625	319	303	403	509	543	504	553	510	214	.....	454	481	86
1975 ....	426	400	348	899	529	313	303	458	579	391	452	567	537	235	.....	474	463	76
1976 ....	355	379	504	906	551	294	291	456	579	375	443	569	591	233	.....	485	464	71
1977 ....	275	316	511	972	652	370	362	498	658	363	433	564	594	258	.....	481	457	66
1978 ....	336	320	466	1,061	608	508	520	522	695	379	456	757	647	242	.....	595	524	70
1979 <sup>5</sup> ....	403	360	490	1,148	670	545	558	548	717	333	502	938	736	252	.....	708	608	71

See footnotes on page 452.



**Table 647.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1965–79<sup>1</sup>**  
 [1967 = 100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market <sup>2</sup>	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweetpotatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Wool <sup>3</sup>	Livestock and livestock products	All farm products	Ratio <sup>4</sup>
1965 .....	93	100	129	92	98	106	109	93	91	157	103	94	85	110	....	94	98	104
1966 .....	105	104	113	99	109	109	109	101	102	103	106	105	96	120	....	106	106	107
1967 .....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	....	100	100	100
1968 .....	91	90	101	102	96	134	139	108	107	104	100	103	105	107	....	104	102	99
1969 .....	88	96	91	107	93	101	101	106	110	109	97	119	109	120	....	117	107	100
1970 .....	92	103	96	109	99	96	96	103	110	117	100	121	113	112	....	118	110	98
1971 .....	95	108	108	113	111	108	112	114	126	108	108	121	117	102	....	118	113	96
1972 .....	109	104	129	123	122	117	121	115	129	121	114	148	121	105	....	136	125	101
1973 .....	215	163	144	129	226	137	137	134	156	206	175	198	143	176	....	183	179	124
1974 .....	300	243	228	148	232	141	136	143	152	290	224	165	166	163	....	165	192	117
1975 .....	242	230	183	162	197	138	137	162	173	209	201	169	175	179	....	172	185	103
1976 .....	202	218	265	163	205	129	126	161	173	201	197	170	192	178	....	177	186	97
1977 .....	156	181	270	175	243	163	163	176	197	194	192	168	193	174	....	175	183	91
1978 .....	191	184	245	191	226	224	234	185	208	202	203	226	210	185	....	217	210	96
1979 <sup>5</sup> .....	229	207	258	207	249	240	250	194	215	178	223	280	239	192	....	257	241	97

<sup>1</sup>Index values shown for 1965 through 1976 were revised and published June 1977 using 1971–73 weights. Some reordering of sub-indexes was introduced. Revised monthly indexes for January 1965 through May 1977 are available upon request.

<sup>2</sup>Fresh market for noncitrus, and fresh market and processing for citrus.

<sup>3</sup>Due to the decrease in relative importance of wool sales between the previous index base period (1953–57) and the current base period (1971–73), wool has no weight in the revised (1965 to present time) Prices Received Index; therefore, revised wool indexes are not available.

<sup>4</sup>Ratio of Index of Prices Received (1967 = 100) to Index of Prices Paid (1967 = 100).

<sup>5</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1971–73 for the 1968–75 indexes.

#### FOOTNOTES FOR TABLE 646

<sup>1</sup>Index values shown for 1965 through 1976 were revised and published June 1977 using 1971–73 weights. Some reordering of sub-indexes was introduced. Revised monthly indexes for January 1965 through May 1977 are available upon request.

<sup>2</sup>Fresh market for noncitrus, and fresh market and processing for citrus.

<sup>3</sup>Due to the decrease in relative importance of wool sales between the previous index base period (1953–57) and the current base period (1971–73), wool has no weight in the revised (1965 to present time) Prices Received Index; therefore, revised wool indexes are not available.

<sup>4</sup>Ratio of Index of Prices Received to the Parity Index.

<sup>5</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1971–73 for the 1965–76 indexes. (See table 647 for data on 1967 = 100 basis.)



Table 648.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1965–1979<sup>1</sup>  
[1910–14 = 100]

Year	Family living indexes							Production indexes					
	Family living (all commodities)	Food	Clothing	Housing <sup>2</sup>	Autos and auto supplies	Medical and health care <sup>2</sup>	Education, recreation, and other <sup>2</sup>	Production (all commodities)	Feed	Feeder live-stock	Seed	Fertilizer	Agricultural chemicals
1965 .....	305	306	362	323	334	307	306	277	207	348	237	152	271
1966 .....	314	323	375	327	338	320	315	289	216	396	234	149	274
1967 .....	320	322	392	333	346	342	323	290	213	386	238	147	277
1968 .....	334	331	416	345	363	363	337	290	200	474	247	138	279
1969 .....	348	348	442	355	377	388	352	302	204	453	252	128	275
1970 .....	363	368	467	361	392	413	371	313	216	472	267	129	270
1971 .....	379	375	487	376	415	440	387	328	224	483	294	134	274
1972 .....	394	395	512	393	428	455	401	351	226	575	321	138	284
1973 .....	426	460	559	424	452	472	412	424	342	742	397	150	292
1974 .....	484	531	637	496	530	513	438	481	414	570	512	246	329
1975 .....	533	574	682	558	595	576	474	528	399	517	582	320	443
1976 .....	563	589	739	592	639	631	495	559	408	594	574	272	481
1977 .....	573	(*)	(*)	(*)	(*)	(*)	(*)	579	398	611	621	266	434
1978 .....	616	(*)	(*)	(*)	(*)	(*)	(*)	628	390	853	650	265	407
1979 .....	683	(*)	(*)	(*)	(*)	(*)	(*)	720	436	1,129	681	287	415

  

Year	Production indexes—Continued							Prices paid (total commodities)	Interest	Taxes	Wage rates <sup>3</sup>	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates <sup>7</sup>
	Fuels and energy	Farm and motor supplies	Autos and trucks	Tractors and self-propelled machinery	Other machinery	Building and fencing	Farm services and cash rent <sup>5</sup>						
1965 .....	174	266	457	465	424	391	.....	288	387	740	728	335	322
1966 .....	175	265	470	437	437	399	.....	299	435	795	785	351	335
1967 .....	177	268	491	507	455	405	.....	301	486	849	847	356	341
1968 .....	178	272	525	531	476	430	.....	306	545	932	919	364	349
1969 .....	181	279	552	564	501	457	.....	319	607	1,020	1,011	381	366
1970 .....	185	290	587	590	528	458	.....	332	651	1,095	1,083	397	382
1971 .....	190	298	645	619	556	491	328	347	693	1,158	1,139	416	399
1972 .....	191	305	673	651	590	530	357	368	752	1,206	1,205	445	424
1973 .....	204	320	714	695	633	594	396	427	895	1,236	1,314	530	490
1974 .....	281	392	793	816	725	733	482	485	1,085	1,305	1,506	603	557
1975 .....	313	450	940	990	895	835	578	533	1,277	1,408	1,627	663	612
1976 .....	331	439	1,043	1,102	1,025	871	621	564	1,456	1,513	1,781	707	652
1977 .....	357	441	1,151	1,205	1,120	928	674	591	1,651	1,657	1,915	741	687
1978 .....	376	458	1,218	1,315	1,211	1,001	720	639	1,945	1,781	2,053	807	746
1979 .....	488	506	1,343	1,466	1,332	1,099	770	725	2,438	1,918	2,245	927	849

<sup>1</sup>Index values for 1965 through 1975 were revised and published in May 1976 using 1971–73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965 to April 1976 are available upon request.

<sup>2</sup>Based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>3</sup>Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>4</sup>Discontinued.

<sup>5</sup>New index; values for years prior to 1971 are not available.

<sup>6</sup>Simple average of seasonally adjusted quarterly indexes.

<sup>7</sup>The index known as the Parity Index is the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Wage Rates expressed on the 1910–14 = 100 base.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 649.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1965–1979<sup>1</sup>**  
[1967 = 100]

Year	Family living indexes							Production indexes					
	Family living (all commodities)	Food	Clothing	Housing	Autos and auto supplies	Medical and health care <sup>2</sup>	Education, recreation, and other <sup>2</sup>	Production (all commodities)	Feed	Feeder live-stock	Seed	Fertilizer	Agricultural chemicals
1965	95	95	92	97	97	89	95	96	97	90	100	103	98
1966	98	100	96	98	98	93	97	100	101	103	98	102	99
1967	100	100	100	100	100	100	100	100	100	100	100	100	100
1968	104	103	106	104	105	106	104	100	94	104	104	94	101
1969	109	108	112	107	109	113	109	104	96	117	106	87	100
1970	114	114	119	109	113	120	115	108	101	122	112	88	98
1971	118	116	124	113	120	128	120	113	105	125	124	91	100
1972	123	123	131	118	124	132	124	121	106	149	135	94	103
1973	133	143	143	127	130	137	127	146	160	192	167	102	105
1974	151	165	162	149	153	149	135	166	194	148	215	167	119
1975	166	178	174	168	172	167	147	182	187	134	245	217	160
1976	176	183	188	178	184	184	153	193	191	154	241	185	174
1977	<sup>3</sup> 181	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	200	186	158	261	181	157
1978	194	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	217	183	221	273	180	147
1979	215	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	248	204	293	286	196	150

  

Year	Production indexes—Continued							Prices paid (total commodities)	Interest	Taxes	Wage rates <sup>6</sup>	Production, interest taxes, and wage rates	Commodities, interest, taxes, and wage rates
	Fuels and energy	Farm and motor supplies	Autos and trucks	Tractors and self-propelled machinery	Other machinery	Building and fencing	Farm services and cash rent <sup>5</sup>						
1965	98	99	93	92	93	97	.....	96	79	87	86	94	94
1966	98	99	96	96	96	99	.....	99	90	94	93	99	99
1967	100	100	100	100	100	100	.....	100	100	100	100	100	100
1968	101	102	107	104	104	106	.....	102	112	110	108	102	103
1969	102	104	112	111	110	113	.....	106	125	120	119	107	108
1970	104	108	120	116	116	113	.....	110	134	129	128	112	112
1971	107	111	131	122	122	121	113	115	142	136	134	117	118
1972	108	114	137	128	130	131	123	122	156	142	142	125	125
1973	116	120	145	137	139	147	136	142	184	145	155	149	144
1974	159	147	161	161	159	181	166	161	223	154	178	169	164
1975	177	168	191	195	197	206	199	177	262	166	192	186	180
1976	187	164	212	217	225	215	214	187	299	178	210	198	192
1977	202	165	234	238	246	229	232	196	339	195	226	208	202
1978	212	171	248	259	266	248	248	212	400	210	242	227	219
1979	276	189	273	289	293	272	265	241	501	226	265	261	250

<sup>1</sup>Index values for 1965 through 1975 were revised and published in May 1976 using 1971–73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965–April 1975 are available upon request.

<sup>2</sup>Based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>3</sup>Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>4</sup>Discontinued.

<sup>5</sup>New index; values for years prior to 1971 are not available.

<sup>6</sup>Simple average of seasonally adjusted quarterly indexes.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 650.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1976-79<sup>12</sup>

Commodity and unit	1967	1976	1977	1978	1979
<b>Building materials:</b>					
Framing lumber, 2 by 4 inches, per 1,000 board feet:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Pine, Standard and better <sup>3</sup>	135.00	265.00	307.00	353.00	382.00
Fir, Standard and better <sup>3</sup>	150.00	305.00	346.00	393.00	430.00
Boards, per 1,000 board feet:					
Rough, for farm fences and construction <sup>4</sup>	139.00	339.00	371.00	401.00	455.00
Dressed, 1-inch, S4S, standard and better or No. 2 and better	169.00	407.00	436.00	504.00	580.00
Shiplap, pine, per 1,000 board feet:					
Standard and better or No. 2 and better	142.00	329.00			
Drop-siding, per 1,000 board feet:					
Pine, C and better	207.00	467.00	522.00		
Flooring, per 1,000 board feet:					
Yellow pine, B and better	228.00	543.00	556.00		
Oak Select	294.00	592.00	656.00		
Doors flush, hollow-core, each	8.74	15.00	16.20		
House windows, D.H. Unit with frames and sashes	24.20	44.70	48.70		
Nails, 8d, common, per pound	.180	.481	.487	.502	.538
Screen wire, galvanized, 16-mesh, 30-inch width, per linear foot	.236	.373	.405		
Roofing, galvanized steel, per 100 square feet	13.30	31.10	32.10	34.20	37.20
Asbestos siding shingles, per square	22.20	40.10	45.30		
Gypsum board, 3/8 inch, per 1,000 square feet	59.80	80.20	92.20		
Shingles, asphalt, per square	9.33	20.80	21.70	23.70	26.30
Insulating sheathing, (asphalt-treated) regular density, 1/2-inch, per sheet 4 feet by 8 feet <sup>5</sup>	89.00	101.00	110.00	126.00	4.17
Bricks, common, per 1,000	63.20	122.00	134.00		
Drainage tile, 4-inch:					
Concrete, per foot	.153	.289			
Concrete blocks, per 100	27.10	50.10	54.90	60.60	68.10
Portland cement, per 94 pounds	1.61	3.42	3.67	4.05	4.58
Paint, house, exterior, per gallon	6.63	11.60	12.20	12.60	13.50
Barbed wire, 2-point, per spool of 80 rods	10.00	26.90	27.00	27.70	30.40
Barbed wire, 4-point, per spool of 80 rods	11.10	29.90	30.00	30.60	33.70
Posts, wood, farm line fence, each	.889	2.03	2.05	2.24	2.63
Posts, steel, each	1.16	2.29	2.32	2.37	2.58
Staples, fence, per pound	.199	.506	.526	.546	.592
Woven wire fencing, 32-inch, per 20-rod roll	24.00	53.40	56.40	60.00	67.10
Iron pipe, galvanized, 1 1/2-inch, I.D., per foot <sup>6</sup>	.472	1.22	1.28	1.35	1.50
Plastic tubing, 1-inch, I.D., per foot <sup>7</sup>	.137	.191	.199	.211	.224
<b>Fuels and energy:</b>					
Fuel, per gallon:					
Diesel fuel	.168	.416	.449	.462	.683
Gasoline, service station, unleaded <sup>8</sup>	.330	.583	.610	.651	.878
Gasoline, bulk delivery, leaded regular <sup>9</sup>	.282	.537	.569	.597	.801
Furnace or fuel oil	.166	.406	.462	.483	
L. P. gas, bulk delivery <sup>10</sup>	.145	.331	.389	.404	.441
Kerosene	.195	.446			
Electricity, per kilowatt hour	.0217	.0335	.0368	.0398	.0424
<b>Motor supplies:</b>					
Grease, 35 lb. pail	8.12	13.90	15.20	16.80	19.40
Motor oil, per gallon:					
All weather, high detergent	1.92	2.93	2.95	3.11	3.95
Heavy duty, detergent	1.61	2.53	2.56	2.70	2.99
Regular, nondetergent	1.27	2.13	2.17	2.31	2.60
Spark plugs, each	.927	1.32	1.39	1.44	1.58
Storage batteries, CPR 220-310 amps, each <sup>11</sup>	21.50	35.20	37.00	39.50	45.50
<b>Tires:</b>					
Auto tires, bias-belted const., G78-15, tubeless, each		40.30	43.00	43.40	45.90
Auto tires, radial, steel-belted, 205-15, GR78-15, tubeless, each		63.20	66.00	66.40	69.50
Truck tires, 7.50-20, 10-ply, each	63.70	81.80	87.00	90.10	
Truck tires, 9.00-20, 10-ply, each					140.00
Tractor tires, rear, 15.5-38, 6-ply, each					244.00
Tractor tires, rear, 18.4-34, 6-ply, each		284.00	280.00	284.00	311.00

See footnotes at end of table.

Table 650.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1976-79<sup>12</sup>—Continued

Commodity and unit	1967	1976	1977	1978	1979
<b>Motor vehicles:</b>					
Autos, 4-door sedans:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Compact <sup>12</sup> .....			5,220.00	5,460.00	6,290.00
Intermediate size <sup>13</sup> .....		5,310.00	5,720.00	6,170.00	6,810.00
Low-priced standard size <sup>14</sup> .....	3,170.00	5,750.00	5,940.00		
Medium-priced standard size <sup>15</sup> .....		6,040.00	6,350.00		
Standard <sup>16</sup> .....			6,540.00	6,870.00	7,600.00
<b>Trucks:</b>					
2-ton, cab and chassis, each <sup>17</sup> .....	3,620.00	8,410.00	9,180.00	10,500.00	12,400.00
3/4-ton pickup <sup>18</sup> .....	2,350.00	5,400.00	5,800.00	6,310.00	7,020.00
<b>Tractors:</b>					
Wheel, 30-39 maximum P.T.O. horsepower, each .....	3,700.00	6,570.00	7,070.00	7,690.00	8,460.00
Wheel, 50-59 maximum P.T.O. horsepower, each .....	5,440.00	9,260.00	10,000.00	10,900.00	12,000.00
Wheel, 90-99 maximum P.T.O. horsepower, each .....		17,300.00	19,000.00		
<b>Farm machinery:</b>					
Plows, moldboard, 2-bottom, each .....	362.00	722.00			
Plows, moldboard, 3-bottom, each .....	606.00	1,450.00	1,660.00	1,620.00	1,790.00
Plows, moldboard, 5-bottom, each .....		3,410.00	3,800.00	4,110.00	4,740.00
Disk harrows, tandem 16-ft., each .....		4,170.00	4,660.00	5,030.00	5,510.00
Disk harrows, tandem, 10-ft., each .....		1,910.00			
Spiketooth harrows, steelbar, one section .....	52.60	119.00			
Cultivators, 4-row, tractor, each .....	840.00	1,640.00	1,760.00	1,850.00	1,960.00
Corn planters, 4-row, plain, each .....	878.00	3,390.00	3,690.00	4,030.00	4,240.00
Grain drills, tractor-drawn, 16-tube, plain, each .....	900.00	2,790.00	3,060.00	3,250.00	3,550.00
Grain drills, tractor-drawn, 18-tube, with fertilizer attachment each .....	950.00	2,550.00	2,810.00	3,140.00	3,560.00
Mowers, tractor, 7-ft., each .....	568.00	1,150.00	1,230.00	1,330.00	1,520.00
Pick-up balers, automatic tie, P.T.O., each <sup>19</sup> .....	2,070.00	4,320.00	4,590.00	4,980.00	5,560.00
Combines, self-propelled:					
Small capacity, each .....	7,050.00	24,800.00	27,100.00	30,800.00	33,700.00
Medium capacity, each .....	8,580.00	31,600.00	35,400.00	39,300.00	44,200.00
Large capacity, each .....	9,840.00	41,700.00	45,600.00	51,500.00	59,500.00
Corn picker-huskers, 2-row, each .....	3,280.00	7,220.00	7,600.00	8,310.00	9,040.00
Farm wagons, without box and tires, each .....	210.00	521.00	606.00	682.00	740.00
Power sprayers, boom type, tr. mtd., each .....	342.00	1,050.00	1,110.00	1,270.00	1,380.00
Gas engines, 3-horsepower, each .....	61.40	109.00			
Electric motors, 1/2-horsepower, each .....		41.40	45.50	49.80	54.60
<b>Farm supplies:</b>					
Axes, single bit, with handle, each <sup>20</sup> .....	6.36	12.00			
Hammers, nail, 16 oz. head, with handle, each <sup>21</sup> .....	4.11	7.56	8.04	8.68	9.57
Pitchfork, 3-tine, each .....	4.96	9.63			
Pitchfork, 4-tine, each .....	5.67	10.90	11.20	12.40	13.90
Hoes, 7-inch blade, each .....	2.90	5.96	6.32	6.88	7.63
Milk pails, 12 quarts, each .....	2.72	4.83	4.85	5.18	5.62
Rope, manila, 1/2-inch, per 100 feet <sup>22</sup> .....	.890	1.77	18.20	18.80	19.90
Binder twine, per pound .....	.264	.729			
Baler twine, per 40-pound bale .....	8.80	15.50	14.50	14.80	18.20
New baskets, round stave, bushel, with cover, per dozen .....	5.83	11.10	11.40	12.50	13.90
Lead arsenate, per pound .....	.368	.588			
<b>Farm services:</b>					
Telephone, per month .....	5.15	9.00	9.62	10.30	10.60
<b>Fertilizer:</b>					
Mixed fertilizer:					
0-20-20, per ton .....	65.60	119.00	118.00	121.00	139.00
3-9-9, per ton .....	60.10	119.00	116.00	117.00	127.00
4-8-12, per ton .....	55.00	116.00	117.00	117.00	125.00
4-12-12, per ton .....	43.00	94.30			
5-10-10, per ton .....	51.40	98.60	99.50	98.80	113.00
5-10-15, per ton .....	45.80	95.50	100.00	100.00	113.00
5-20-20, per ton .....	74.20	128.00	128.00	128.00	150.00
6-24-24, per ton .....	85.00	145.00	145.00	148.00	172.00
10-10-10, per ton .....	62.60	112.00	112.00	111.00	125.00
12-12-12, per ton .....	70.40	123.00	127.00	129.00	145.00
18-46-0, per ton .....	108.00	183.00	184.00	186.00	198.00
Nitrate of soda, per ton .....	60.10	152.00	147.00	146.00	148.00
Sulphate of ammonia, per ton .....	54.80	96.50	102.00	111.00	121.00
Ammonium nitrate, per ton .....	73.70	136.00	143.00	138.00	144.00
Superphosphate, 20% P <sub>2</sub> O <sub>5</sub> , per ton .....	42.10	95.20	102.00	106.00	117.00
Superphosphate, 46% P <sub>2</sub> O <sub>5</sub> , per ton .....	82.20	152.00	148.00		
Superphosphate, 44-46% P <sub>2</sub> O <sub>5</sub> , per ton .....				152.00	189.00
Ammonium phosphate, 16-20, per ton .....	80.20	158.00	153.00	156.00	177.00
Muriate of potash, 60% K <sub>2</sub> O, per ton .....	52.20	95.10	95.30	98.20	116.00
Agricultural limestone, spread on field, per ton .....	5.18	9.00	9.97	10.50	11.60

See footnotes at end of table.



Table 650.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1976-79<sup>12</sup>—Continued

Commodity and unit	1967	1976	1977	1978	1979
<b>Livestock:</b>					
Feeders and stockers:					
Cattle and calves, per 100 pounds	24.60	35.80	37.00	54.60	74.80
Pigs (40-60 lbs. av.), per 100 pounds	33.50	78.30	76.50	99.60	76.50
Baby chicks, straight run, per 100	11.40	15.60	16.00	16.30	.....
Broiler chicks, per 100	.....	.....	.....	.....	15.30
Egg-type chicks, per 100	.....	.....	.....	.....	41.40
Turkey poults, each	.557	.701	.727	.737	.784
<b>Feed:</b>					
Alfalfa hay, baled, per ton	34.10	72.20	74.20	.....	.....
Other hay, baled, per ton	32.30	61.20	60.30	.....	.....
Cottonseed meal, 41% per 100 pounds	5.35	10.50	11.40	10.70	12.10
Soybean meal, 44% per 100 pounds	5.36	10.70	12.90	11.70	13.00
Bran, per 100 pounds	3.62	7.52	7.50	7.37	8.41
Middlings, per 100 pounds	3.72	7.40	7.37	7.30	8.27
Cornmeal, per 100 pounds	3.42	6.74	5.74	5.86	6.47
Layer feed, per ton <sup>23</sup>	86.00	151.00	152.00	152.00	168.00
Broiler grower, per ton <sup>23</sup>	93.00	168.00	171.00	169.00	189.00
Chick starter, per ton <sup>23</sup>	97.00	173.00	175.00	174.00	192.00
Dairy feed:					
14 percent protein, per ton	69.00	135.00	133.00	129.00	145.00
16 percent protein, per ton	75.00	141.00	140.00	138.00	156.00
18 percent protein, per ton	77.00	.....	.....	149.00	169.00
20 percent protein, per ton	82.00	.....	.....	150.00	171.00
32 percent protein, per ton	.....	192.00	208.00	203.00	229.00
Stock salt, per 100 pounds	1.70	3.10	3.51	3.89	4.31
<b>Seeds:</b>					
Barley, per bushel	2.01	5.02	4.45	4.40	4.80
Corn, hybrid, per bushel	12.90	36.50	40.00	43.00	45.50
Oats, per bushel	1.61	3.58	3.65	3.13	3.58
Potatoes, per 100 pounds	3.38	7.40	5.63	5.00	4.60
Rye, per bushel	2.48	6.00	5.20	4.90	6.20
Soybeans, per bushel	4.40	7.40	13.00	11.50	12.00
Wheat, per bushel	2.73	6.25	4.80	5.50	6.40
Grain sorghum, hybrid, per 100 pounds	19.20	37.50	41.00	43.00	41.00
Alfalfa, uncertified, per 100 pounds	50.60	110.00	156.00	166.00	178.00
Alfalfa, certified, per 100 pounds	60.20	130.00	180.00	192.00	213.00
Alsike clover, per 100 pounds	32.50	67.00	88.80	65.50	.....
Red clover, per 100 pounds	40.30	95.00	109.00	124.00	116.00
Sweetclover, per 100 pounds	17.20	36.00	38.50	39.00	.....
Lespedeza, Korean, per 100 pounds	22.40	48.00	62.50	74.00	.....
Sudangrass, per 100 pounds	13.20	28.00	34.50	32.00	33.00
Timothy, per 100 pounds	22.30	43.00	67.50	111.00	96.00

<sup>1</sup> Prices paid by farmers are collected, for the most part, from retail establishments located in small cities and towns in rural areas.

<sup>2</sup> Family living surveys for food, clothing, and household furnishings were discontinued in 1977.

<sup>3</sup> No. 2 and better prior to 1971.

<sup>4</sup> Standard and better, or No. 2 and better, 1-inch, random widths prior to 1978.

<sup>5</sup> "Interior insulating board" prior to 1969; "Insulating sheathing (asphalt treated)," 1969-75.; per 1,000 sq. ft prior to 1979.

<sup>6</sup> "Iron pipe, galvanized, 1 1/4-inch diameter" prior to 1976.

<sup>7</sup> "Plastic tubing, 1-inch, per foot" prior to 1976.

<sup>8</sup> "Gasoline, regular, service station" prior to 1978; "unleaded regular" in 1978.

<sup>9</sup> "Gasoline, regular, bulk delivery" prior to 1978.

<sup>10</sup> Prior to 1977, based on annual survey made in July and August, reporting data for most recent bill, usually purchased during April, May, or June.

<sup>11</sup> 54 plates, 12-volt prior to 1977.

<sup>12</sup> Current coverage includes Chevrolet Citation, Ford Granada, and Plymouth Volare.

<sup>13</sup> Current coverage includes Chevrolet Malibu Classic, and Dodge Diplomat.

<sup>14</sup> Current coverage includes Chevrolet Impala, Ford LTD, and Plymouth Gran Fury Brougham.

<sup>15</sup> Current coverage includes Pontiac Catalina and Buick LeSabre.

<sup>16</sup> Current coverage includes Chevrolet Impala, Ford LTD, and Buick LeSabre Limited.

<sup>17</sup> Coverage includes Ford and Chevrolet.

<sup>18</sup> Coverage includes Ford, Chevrolet, and Dodge, also included International prior to 1976. Size was 1/2-ton prior to 1974.

<sup>19</sup> "Conventional size bales, under 200 lbs." added in 1976.

<sup>20</sup> "Axes, with handle, each" prior to 1976.

<sup>21</sup> "Hammers, nail, with handle, each" prior to 1976.

<sup>22</sup> "Rope, manila, per pound" prior to 1977.

<sup>23</sup> Specifications call for "complete feed."

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 651.—Agricultural commodity support

Commodity and unit	1965	1966	1967	1968	1969	1970	1971
<b>MANDATORY<sup>3</sup></b>							
Basic commodities:							
Corn:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Support level <sup>4</sup> ..... bushel..	1.25	1.30	1.35	1.35	1.35	1.35	1.35
Loan rate ..... do.....	1.05	1.00	1.05	1.05	1.05	1.05	1.05
Cotton:							
American upland: <sup>6</sup>							
Support level <sup>4</sup> ..... pound..	.3335	.3042	.3178	.3249	.3498	.3705	.3500
Loan rate <sup>7</sup> ..... do.....	.2900	.2100	.2025	.2025	.2025	.2025	.1950
Extra-long staple:							
Support level <sup>4</sup> ..... do.....	.4925	.4925	.4700	.4869	.4888	.4979	.5109
Loan rate ..... do.....	.4925	.4925	.4700	.4000	.4000	.4050	.3840
Peanuts ..... do.....	.112	.1135	.1135	.1201	.1238	.1275	.1342
Rice:							
Support level <sup>4</sup> ..... cwt.....							
Loan rate ..... do.....	4.50	4.50	4.55	4.60	4.72	4.86	5.07
Wheat:							
Support level <sup>4</sup> ..... bushel..	2.00	2.57	2.61	2.63	2.77	2.82	2.93
Loan rate ..... do.....	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Tobacco:							
Flue-cured, types 11-14 ..... pound..	.577	.588	.599	.616	.638	.666	.694
Fire-cured, types 21-23 ..... do.....	.404	.411	.419	.431	.446	.466	.485
Burley, type 31 ..... do.....	.595	.606	.618	.635	.658	.686	.715
Maryland, type 32 ..... do.....	.528						
Dark air-cured, types 35-36 ..... do.....	.359	.366	.373	.383	.397	.414	.431
Virginia sun-cured, type 37 ..... do.....	.359	.366	.373	.383	.397	.414	.431
Cigar filler, Puerto Rican, type 46 ..... do.....	.309	.315	.321	.330	.342	.356	.371
Cigar binder, types 51-52 ..... do.....	.412	.420	.428	.440	.455	.475	.495
Ohio-Miami filler, types 42-44 ..... do.....	.297	.303	.309	.317	.329	.343	.358
Nonbasic commodities:							
Butterfat ..... do.....	.594	.680	.680	.660	.686	.715	( <sup>9</sup> )
Milk for manufacturing ..... cwt..	3.24	4.00	4.00	4.28	4.28	4.66	4.93
Honey, wholesale, extracted ..... pound..	.112	.114	.125	.125	.130	.130	.140
Mohair ..... do.....	.72	.758	.764	.774	.774	.802	.802
Tung nuts ..... ton.....	63.34	63.34	63.34	64.22	68.25	70.85	73.45
Wool ..... pound..	.62	.65	.66	.67	.69	.72	.72
Barley: <sup>10</sup>							
Support level <sup>4</sup> ..... bushel..	.96	1.00	.90	.90	1.03	1.03	<sup>11</sup> .81
Loan rate ..... do.....	.80	.80	.90	.90	.83	.83	.81
Sorghum grain: <sup>10</sup>							
Support level <sup>4</sup> ..... cwt.....	2.00	2.05	2.14	2.14	2.14	2.14	2.21
Loan rate ..... cwt.....	1.65	1.52	1.61	1.62	1.61	1.61	1.73
Oats <sup>10</sup> ..... bushel..	.60	.60	.63	.63	.63	.63	.54
Rye <sup>10</sup> ..... do.....	1.02	1.02	1.02	1.02	1.02	1.02	.89
<b>NONMANDATORY</b>							
Nonbasic Commodities:							
Beans, dry edible ..... cwt.....	6.32	6.33	6.37	6.38	6.39	6.40	6.40
Cottonseed <sup>13</sup> ..... ton.....	43.00	43.00	43.00	43.00	37.00	37.00	( <sup>12</sup> )
Flaxseed ..... bushel..	2.90	2.90	2.90	2.90	2.75	2.50	2.50
Soybeans ..... do.....	2.25	2.50	2.50	2.50	2.25	2.25	2.25

<sup>1</sup> National averages during the marketing year for the individual crops, beginning in the years shown.

<sup>2</sup> Support level for 1974, 1975, 1976, 1977, 1978, and 1979 represents the statutory established price (the so-called target price) except for extra-long staple cotton.

<sup>3</sup> Commodities grouped under "Mandatory" are those which the Commodity Credit Corporation is required by law to support.

<sup>4</sup> Represents the average loan rate plus any direct price-support payment (or in the case of wheat the value of the domestic marketing certificate) received by participants in the program for the commodity. The basis of such payments varies among the crops and from year to year.

<sup>5</sup> Preliminary.

<sup>6</sup> 1-inch middling.

prices per unit, United States, 1965-1980<sup>1</sup>

1972	1973	1974 <sup>2</sup>	1975 <sup>2</sup>	1976 <sup>2</sup>	1977 <sup>2</sup>	1978 <sup>2</sup>	1979 <sup>2</sup>	1980 <sup>2</sup>
<i>Dollars</i> 1.41 1.06	<i>Dollars</i> 1.64 1.05	<i>Dollars</i> 1.38 1.10	<i>Dollars</i> 1.38 1.10	<i>Dollars</i> 1.57 1.50	<i>Dollars</i> 2.00 2.00	<i>Dollars</i> 2.10 2.00	<i>Dollars</i> 2.20 2.10	<i>Dollars</i> <sup>5</sup> 2.35 2.10
.3585 .1950	.4152 .1950	.3800 .2526	.3800 .3427	.4320 .3712	.4780 .4258	.5200 .4800	.5770 .5023	.5840 .4800
.5135 .3850 .1425	.5421 .3820 .1642	.6058 .4972 .1830	.7410 .6774 .1972	.7475 .7324 .2070	.7670 .7670 .2153	.8320 .8320 .2100	.9295 .9295 .2100	.9350 .9350 .2275
5.27	6.07	7.54	8.52	8.25 6.19	8.25 6.19	8.57 6.40	9.05 6.79	9.49 7.12
3.02 1.25	3.39 1.25	2.05 1.37	2.05 1.37	2.29 2.25	* 2.90 2.25	3.40 2.35	3.40 2.50	3.63 2.50
.727 .508 .749	.766 .535 .789	.833 .582 .858	.932 .652 .961	1.060 .741 1.093	1.138 .795 1.173	1.210 .846 1.247	1.293 .904 1.333	1.415 .989 1.459
.452 .452	.476 .476	.518 .518	.580 .580	.659 .659	.707 .707	.752 .752	.804 .804	.880 .880
.389 .519 .375	.410 .546 .395	.446 .594 .429	.499 .665 .480	.567 .756 .546	.609 .812 .586	.647 .863 .623	.692 .923 .667	.757 1.010 .729
4.93 .140 .802 74.74 .72	5.29 .161 .802 74.75 .72	6.57 .206 .802 80.60 .72	7.24 .255 .802 79.95 .72	8.13 .294 .802 80.00 .72	9.00 .327 1.498 ..... .99	9.87 .368 1.647 ..... 1.08	11.49 .439 1.943 ..... 1.15	12.36 .503 2.903 ..... 1.23
1.10 .86	1.27 .86	1.13 .90	1.13 .90	1.28 1.22	1.39 1.63	2.25 1.63	2.40 1.71	<sup>5</sup> 2.55 1.71
2.39 1.79 .54 .89	2.61 1.79 .54 .89	2.34 1.88 .54 .89	2.34 1.88 .54 .89	2.66 2.55 .72 1.20	2.89 2.70 1.03 1.70	4.07 3.39 1.03 1.70	4.11 3.57 1.08 1.79	<sup>5</sup> 2.50 2.00 1.08 1.79
( <sup>12</sup> ) 6.40 2.50 2.25	( <sup>12</sup> ) 6.40 2.50 2.25	( <sup>12</sup> ) 6.40 2.50 2.25	( <sup>12</sup> ) ( <sup>12</sup> ) ( <sup>12</sup> ) ( <sup>12</sup> )	( <sup>12</sup> ) ( <sup>12</sup> ) ( <sup>12</sup> ) 2.50	( <sup>12</sup> ) ( <sup>12</sup> ) ( <sup>12</sup> ) 3.50	( <sup>12</sup> ) ( <sup>12</sup> ) 4.50 4.50	( <sup>12</sup> ) ( <sup>12</sup> ) 4.50 4.50	( <sup>12</sup> ) ( <sup>12</sup> ) 4.50 4.50

<sup>1</sup> Subsequent to 1970, loans are made on net weight basis rather than gross weight basis.

<sup>2</sup> Target level for wheat planted within allotment was \$2.90; target level of \$2.47 for unplanted allotment acreage.

<sup>3</sup> Suspended since 1971.

<sup>4</sup> Grade No. 2 or better except for oats which is Grade No. 3.

<sup>5</sup> Payment rate dropped; support level and loan rate are the same.

<sup>6</sup> No support program.

<sup>7</sup> For ginners purchases from producers, basis Grade 100, plus appropriate differentials to reflect ginners' normal handling costs.

Agricultural Stabilization and Conservation Service.

Table 652.—Farm income: Gross and net income from farming, United States, 1965-79

Year	Gross income							Production expenses	Net income of farm operators		
	Cash receipts			Nonmoney and other farm income					Total	Current dollars	1967 dollars
	Farm marketings	Government payments	Total	Home consumption	Imputed rent	Other farm income	Change in inventory				
1965	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	
1965	39,365	2,463	41,828	811	2,481	387	1,042	4,721	46,549	12,899	
1966	43,435	3,277	46,712	824	2,699	416	-83	3,766	50,468	13,960	
1967	42,817	3,079	45,896	736	2,747	484	657	4,624	50,520	12,339	
1968	44,183	3,462	47,645	719	2,838	521	124	4,202	51,847	12,322	
1969	48,179	3,794	51,973	731	3,046	559	99	4,435	56,408	13,397	
1970	50,539	3,717	54,256	751	3,019	543	6	4,319	58,575	14,151	
1971	52,859	3,145	56,004	732	3,226	641	1,397	5,996	62,000	14,633	
1972	61,190	3,961	65,151	831	3,474	663	861	5,829	70,980	18,665	
1973	87,068	2,607	89,675	89,675	3,913	813	3,406	9,296	98,911	33,949	
1974	92,449	531	92,980	1,295	4,687	989	-1,611	5,360	98,340	26,190	
1975	88,209	807	89,016	1,269	5,420	1,293	3,400	11,922	100,838	72,210	
1976	94,760	734	95,514	1,354	5,973	1,337	-2,366	6,298	100,838	75,963	
1977	96,762	1,819	97,581	1,301	7,074	1,561	665	6,298	101,812	83,190	
1978	112,520	3,030	115,550	1,378	7,845	1,702	387	10,122	101,812	90,253	
1979 <sup>1</sup>	131,459	1,375	132,834	1,447	9,104	2,124	4,068	11,322	126,872	100,791	
								16,743	149,577	30,969	

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics



Table 653.—Farm income: Cash receipts from farm marketings, by commodities or commodity groups, United States, 1965-79

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Eggs	Broilers and farm chickens	Turkeys and other poultry <sup>1</sup>	Wool	Other livestock and products <sup>2</sup>	Total livestock and products
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1965	8,942	3,607	329	5,038	1,785	1,304	494	95	292	21,886
1966	10,430	4,169	333	5,533	2,106	1,471	569	101	314	25,026
1967	10,550	3,809	302	5,742	1,765	1,314	543	75	283	24,383
1968	11,264	3,795	315	5,957	1,893	1,415	490	72	286	25,487
1969	12,572	4,742	343	6,196	2,212	1,635	530	70	273	28,573
1970	13,633	4,508	334	6,525	2,110	1,564	576	57	256	29,563
1971	15,043	4,153	319	6,811	1,794	1,583	586	31	263	30,583
1972	18,246	5,376	352	7,135	1,820	1,752	630	56	303	35,670
1973	22,410	7,604	389	8,080	2,975	2,906	1,054	120	398	45,936
1974	17,819	6,975	370	9,445	2,881	2,568	908	79	414	41,359
1975	17,524	7,883	385	9,923	2,814	3,063	933	54	480	43,059
1976	19,302	7,261	392	11,428	3,136	3,058	969	73	493	46,112
1977	20,222	7,230	391	11,752	2,918	3,239	1,059	77	538	47,424
1978	28,205	8,823	463	12,690	2,953	3,851	1,326	76	652	59,038
1979 <sup>3</sup>	34,849	8,853	484	14,750	3,314	4,181	1,401	89	719	68,639

  

Year	Food grains	Feed crops	Cotton (lint and seed)	Oil-bearing crops	Tobacco	Fruits and tree nuts	Vegetables <sup>4</sup>	Other crops <sup>5</sup>	Total crops <sup>6</sup>
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1965	2,042	3,693	2,330	2,173	1,186	1,650	2,618	1,787	17,479
1966	2,373	4,334	1,588	2,703	1,211	1,747	2,612	1,841	18,409
1967	2,361	4,393	1,095	2,795	1,391	1,817	2,680	1,902	18,434
1968	2,088	4,311	1,316	2,845	1,173	2,043	2,893	2,027	18,696
1969	2,215	4,576	1,364	3,049	1,296	2,171	2,842	2,093	10,606
1970	2,542	5,109	1,254	3,590	1,388	2,070	2,814	2,209	20,976
1971	2,485	5,525	1,487	3,789	1,328	2,311	3,011	2,340	22,276
1972	3,498	5,854	1,842	4,393	1,442	2,557	3,286	2,648	25,520
1973	7,194	10,605	2,798	7,580	1,570	3,444	4,351	3,590	41,132
1974	8,511	13,959	2,893	9,965	2,097	3,435	5,329	4,901	51,090
1975	7,760	12,150	2,311	7,273	2,155	3,525	5,350	4,626	46,150
1976	6,896	13,075	3,476	9,406	2,310	3,646	5,242	4,617	48,663
1977	6,041	11,885	3,470	9,819	2,331	4,341	5,672	4,780	48,338
1978	5,891	11,278	3,467	13,238	2,606	5,532	6,034	5,436	53,432
1979 <sup>3</sup>	8,618	14,411	4,005	14,585	2,271	6,440	6,526	5,965	62,820

<sup>1</sup> Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs.<sup>2</sup> Horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.<sup>3</sup> Preliminary.<sup>4</sup> Includes melons.<sup>5</sup> Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seeds, and flax fiber.<sup>6</sup> Totals may not add due to rounding.

Economics, Statistics, and Cooperatives Service—Economics.

Table 654.—Farm income: Cash receipts from farming and value of home consumption, by State, 1979 (preliminary)

State	Cash receipts from farming				Value of home consumption <sup>1</sup>				Cash receipts from farming and value of home consumption
	Farm marketings			Government payment	Total	Livestock and products	Crops	Total	
	Livestock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala .....	1,282,464	770,576	2,053,040	12,072	2,065,112	28,043	15,172	43,215	2,108,327
Alaska ..	4,199	8,159	12,358	270	12,628	486	89	575	13,203
Ariz .....	853,878	911,902	1,765,780	9,072	1,774,852	5,133	6,193	11,326	1,786,178
Ark .....	1,562,095	1,599,901	3,161,996	32,564	3,194,560	24,877	11,429	36,306	3,230,866
Calif .....	4,185,239	8,404,724	12,589,963	61,328	12,651,291	24,527	10,316	34,843	12,686,134
Colo .....	2,463,815	716,616	3,180,431	37,296	3,217,727	16,456	915	17,371	3,235,098
Conn .....	157,501	96,023	253,524	419	253,943	1,983	1,585	3,568	257,511
Del .....	236,718	121,174	357,892	367	358,259	1,725	290	2,015	360,274
Fla .....	995,376	2,897,529	3,892,905	5,777	3,898,682	9,463	6,652	16,115	3,914,797
Ga .....	1,622,028	1,340,158	2,962,186	17,945	2,980,131	19,236	14,054	33,290	3,013,421
Hawaii ..	78,227	340,626	418,853	741	419,594	1,589	.....	1,589	421,183
Idaho .....	904,056	956,143	1,860,199	21,059	1,881,258	21,452	2,151	23,603	1,904,861
Ill .....	2,368,394	4,591,584	6,959,978	33,210	6,993,188	31,599	7,703	39,302	7,032,490
Ind .....	1,596,650	2,372,132	3,968,782	18,587	3,987,369	20,412	9,591	30,003	4,017,372
Iowa .....	5,590,757	3,874,101	9,464,858	69,189	9,534,047	70,075	8,172	78,247	9,612,294
Kans .....	3,530,938	2,354,749	5,885,687	125,838	6,011,525	22,649	4,020	26,669	6,038,194
Ky .....	914,159	1,140,977	2,055,136	6,659	2,061,795	39,098	22,083	61,181	2,122,976
La .....	527,193	1,110,702	1,637,895	20,189	1,658,084	20,484	5,085	25,569	1,683,653
Maine .....	302,843	139,184	442,027	5,540	447,567	4,961	2,371	7,332	454,899
Md .....	566,379	313,336	879,715	2,127	881,842	7,546	1,704	9,250	891,092
Mass .....	117,881	137,838	255,719	592	256,311	2,470	897	3,367	259,678
Mich .....	1,147,363	1,338,443	2,485,806	15,593	2,501,399	26,316	10,558	36,874	2,538,273
Minn .....	2,946,996	2,607,251	5,554,247	68,436	5,622,683	43,411	13,684	57,095	5,679,778
Miss .....	891,662	1,191,844	2,083,506	12,887	2,096,393	16,566	16,823	33,389	2,129,782
Mo .....	2,557,774	1,787,642	4,345,416	31,340	4,376,756	48,169	16,788	64,957	4,441,713
Mont .....	800,312	571,071	1,371,383	33,997	1,405,380	14,406	1,605	16,011	1,421,391
Nebr .....	3,895,642	2,120,481	6,016,123	132,696	6,148,819	23,979	3,696	27,675	6,176,494
Nev .....	155,947	51,270	207,217	1,337	208,554	4,961	103	5,064	213,618
N.H. ....	67,153	26,001	93,154	617	93,771	2,274	986	3,260	97,031
N.J. ....	115,221	287,803	403,024	806	403,830	3,750	968	4,718	408,548
N. Mex ..	881,050	240,035	1,121,375	21,341	1,142,716	10,082	1,514	11,596	1,154,312
N.Y. ....	1,554,920	637,056	2,191,976	9,036	2,201,012	23,461	10,749	34,210	2,235,222
N.C. ....	1,423,843	1,973,525	3,397,368	8,306	3,405,674	35,906	38,400	74,306	3,479,980
N. Dak ..	689,272	1,641,206	2,330,478	46,519	2,376,997	17,845	2,272	20,117	2,397,114
Ohio .....	1,892,746	2,083,376	3,976,122	10,602	3,986,724	29,172	12,903	41,475	3,528,199
Okl. ....	2,102,797	1,127,234	3,230,031	41,676	3,271,707	31,011	6,015	37,026	3,308,733
Oreg .....	635,801	926,263	1,562,064	8,472	1,570,536	31,483	4,012	35,495	1,606,031
Pa .....	1,783,057	792,968	2,576,045	6,036	2,582,081	45,043	7,070	52,113	2,634,194
R.I. ....	13,150	19,163	32,313	78	32,391	360	101	461	32,852
S.C. ....	374,284	685,254	1,059,538	6,457	1,065,995	11,778	8,314	20,092	1,086,087
S. Dak ..	1,692,976	594,188	2,287,164	54,687	2,341,851	25,427	1,906	27,333	2,369,184
Tenn .....	955,440	824,056	1,779,496	8,432	1,787,928	28,554	21,785	50,339	1,838,267
Tex .....	6,092,101	3,878,942	9,971,043	307,099	10,278,142	32,296	12,415	44,711	10,322,853
Utah .....	346,394	115,393	461,787	5,232	467,019	9,095	882	9,977	476,996
Vt .....	319,381	23,129	342,510	1,215	343,725	5,960	2,763	8,723	352,448
Va .....	791,248	556,342	1,347,590	5,947	1,353,537	27,842	17,844	45,686	1,399,223
Wash .....	778,518	1,622,475	2,400,993	16,673	2,417,666	61,448	4,014	65,462	2,483,128
W. Va ..	168,369	62,844	231,213	2,039	233,252	21,261	4,063	25,324	258,576
Wis .....	3,527,511	739,587	4,267,098	28,473	4,295,571	62,874	20,458	83,332	4,378,908
Wyo .....	677,217	96,434	773,651	8,283	781,964	4,832	382	5,214	787,178
U.S. ....	68,638,965	62,819,720	131,458,685	1,375,153	132,833,838	1,073,826	372,945	1,446,771	134,280,609

<sup>1</sup> Value of farm products consumed directly in farm households where produced.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 655.—Personal income: Total and per capita, by residence, United States, 1965-79**

Year	Personal income of—				Per capita disposable personal income of—				Per capita disposable income, all sources (farm as percentage of nonfarm)
	Farm population			Nonfarm population from all sources	Total population	Farm population from all sources	Nonfarm population from all sources	Total population from all sources	
	From farm sources <sup>1</sup>	From nonfarm sources <sup>2</sup>	From all sources						
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Dollars	Dollars	Dollars	Percent
1965 .....	11,968	10,627	22,595	514,436	537,031	1,692	2,480	2,430	68.2
1966 .....	12,608	11,205	23,813	561,062	584,875	1,894	2,641	2,597	71.7
1967 .....	11,117	11,737	22,854	603,772	626,626	1,925	2,788	2,740	69.0
1968 .....	11,271	12,828	24,099	661,121	685,220	2,099	2,976	2,930	70.5
1969 .....	12,927	13,929	26,856	718,971	745,827	2,332	3,152	3,111	74.0
1970 .....	13,005	14,473	27,478	773,793	801,271	2,520	3,389	3,348	74.1
1971 .....	13,484	15,346	28,830	830,262	859,092	2,722	3,629	3,588	75.0
1972 .....	16,856	17,751	34,607	907,929	942,536	3,244	3,865	3,837	83.9
1973 .....	29,230	19,690	48,920	1,003,520	1,052,440	4,700	4,266	4,285	110.2
1974 .....	23,353	21,798	45,151	1,109,785	1,154,936	4,355	4,660	4,646	93.5
1975 .....	21,888	22,660	44,548	1,210,938	1,255,486	4,520	5,113	5,088	88.4
1976 .....	16,765	23,500	40,283	1,341,345	1,381,610	4,316	5,553	5,504	77.7
1977 .....	16,478	20,986	37,464	1,494,112	1,531,576	5,262	6,040	6,017	87.1
1978 .....	23,770	24,772	48,542	1,668,857	1,717,399	6,422	6,676	6,672	96.2
1979 <sup>3</sup> .....	28,731	26,595	55,326	1,868,849	1,924,175	7,535	7,358	7,367	102.4

<sup>1</sup> Includes returns from farming operations to resident farm operators for their capital, labor, and management, after deduction of farm production expenses (there is no allowance in the item "farm production expenses" for a return on investment in farm capital). Also includes farm wages and other labor income received by hired farm-resident workers.

<sup>2</sup> Includes all income received by farm residents from nonfarm sources such as wages and salaries from nonfarm employment, nonfarm business and professional income, rents from nonfarm real estate, dividends, interest, royalties, unemployment compensation, and Social Security payments.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 656.—Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1965-78<sup>1</sup>**

Year	Number	Less than \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$4,999	\$5,000 to \$6,999	\$7,000 to \$9,999	\$10,000 or \$14,999	\$15,000 to more	\$15,000 to \$24,999	\$25,000 or more	Median income
	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>
1965 ..	2,953	8.6	14.5	14.0	22.6	16.5	12.5	7.1	4.0	.....	.....	4,119
1966 ..	2,697	6.5	10.7	12.8	21.8	19.3	15.3	9.5	4.3	.....	.....	4,841
1967 ..	2,683	6.2	9.5	11.2	22.3	16.9	16.9	10.9	6.1	.....	.....	5,086
1968 ..	2,630	5.4	7.3	9.9	20.3	17.2	19.4	14.0	6.4	.....	.....	5,769
1969 ..	2,457	4.5	6.8	8.7	18.4	16.3	17.8	18.1	9.6	.....	.....	6,385
1970 ..	2,347	5.9	6.2	7.8	16.3	15.9	18.5	17.5	12.2	.....	.....	6,773
1971 ..	2,598	5.0	5.1	7.9	15.8	14.9	18.1	19.1	14.2	.....	.....	7,192
1972 ..	2,513	3.6	4.0	4.6	13.9	13.1	17.8	21.0	.....	16.8	5.3	8,849
1973 ..	2,542	2.6	3.5	3.9	11.6	12.4	15.8	22.0	.....	19.4	8.9	10,045
1974 ..	2,392	7.2	.....	4.0	9.0	11.2	15.4	20.5	.....	22.0	10.7	10,612
1975 ..	2,200	5.5	.....	3.9	11.0	9.9	16.2	19.9	.....	22.2	11.4	10,845
1976 ..	2,184	6.7	.....	2.9	8.6	9.8	14.1	19.5	.....	23.5	14.9	11,663
1977 ..	2,172	8.3	.....	2.2	7.7	9.3	11.5	19.0	.....	24.2	17.8	12,637
1978 ..	2,051	5.4	.....	2.1	5.0	7.6	10.5	18.2	.....	28.3	23.0	15,284

<sup>1</sup> Family refers to two or more persons related by blood, marriage, or adoption, and residing together on a farm. Total money income includes net income from farm and nonfarm self-employment, wages and salaries, dividends and interest, Social Security and other pensions, and welfare.

Economics, Statistics, and Cooperatives Service—Economics. Estimates from P-60 series of the Bureau of the Census.



Table 657.—Farm income: Number of farms and average farm income per farm, United States, 1965-79<sup>1</sup>

Year	Number of farms	Cash receipts from farming			Gross farm income	Production expenses	Farm operator family income		
		Farm marketings	Government payments	Total			Net from farming	Off farm	Total
	Thousands	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965 .....	3,356	11.7	0.7	12.5	13.9	10.0	3.8	3.8	7.6
1966 .....	3,257	13.3	1.0	14.3	15.5	11.2	4.3	4.3	8.5
1967 .....	3,162	13.5	1.0	14.5	16.0	12.1	3.9	4.6	8.5
1968 .....	3,071	14.4	1.1	15.5	16.9	12.9	4.0	5.0	9.0
1969 .....	3,000	16.1	1.3	17.3	18.8	14.0	4.8	5.5	10.3
1970 .....	2,949	17.1	1.3	18.4	19.9	15.1	4.8	5.9	10.7
1971 .....	2,902	18.2	1.1	19.3	21.4	16.3	5.0	6.5	11.5
1972 .....	2,860	21.4	1.4	22.8	24.8	18.3	6.5	7.2	13.7
1973 .....	2,823	30.8	.9	31.8	35.0	23.2	11.8	8.4	20.2
1974 .....	2,795	33.1	.2	33.3	35.2	25.8	9.3	9.5	18.8
1975 .....	2,767	31.9	.3	32.2	36.3	27.4	8.8	9.9	18.8
1976 .....	2,738	34.6	.3	34.9	37.2	30.4	6.8	11.1	17.9
1977 <sup>2</sup> .....	2,409	39.8	.8	40.6	44.9	37.5	7.4	10.5	17.9
1978 .....	2,370	47.5	1.3	48.8	53.5	42.5	11.0	12.2	23.2
1979 <sup>3</sup> .....	2,333	56.3	.6	56.9	64.1	50.8	13.3	14.7	28.0

<sup>1</sup> Gross farm income and net income from farming includes adjustment for value of change in farm inventories. Totals may not add due to rounding.

<sup>2</sup> New farm definition beginning 1977.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 658.—Expenses: Farm production expenses, United States, 1965-79

Year	Feed purchased	Livestock purchased	Seed purchased <sup>1</sup>	Fertilizer and lime	Repairs and operation of capital items <sup>2</sup>	Depreciation and other consumption of farm capital <sup>3</sup>	Hired labor <sup>4</sup>	Taxes on farm property <sup>5</sup>	Interest on farm mortgage debts <sup>6</sup>	Net rent to non-operator landlords	Miscellaneous <sup>7</sup>	Total production expenses
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1965 ..	5,674	2,912	720	1,994	8,943	5,111	3,604	1,874	1,075	1,886	4,857	33,650
1966 ..	6,401	3,544	760	2,219	4,164	5,384	3,683	2,002	1,198	2,023	5,130	36,508
1967 ..	6,646	3,431	814	2,429	4,409	5,781	3,728	2,122	1,325	1,882	5,619	38,181
1968 ..	6,357	3,676	831	2,434	4,387	6,200	3,920	2,298	1,472	1,999	5,951	39,525
1969 ..	7,100	4,225	871	2,312	4,507	6,574	4,152	2,456	1,625	2,061	6,232	42,115
1970 ..	8,028	4,324	927	2,390	4,539	6,760	4,349	2,596	1,764	2,132	6,615	44,424
1971 ..	8,049	5,123	1,072	2,633	4,707	7,350	4,367	2,704	1,905	2,246	7,211	47,867
1972 ..	8,397	6,668	1,115	2,690	4,708	7,887	4,594	2,815	2,132	2,491	7,818	52,315
1973 ..	13,224	8,065	1,617	3,354	5,229	8,945	5,232	2,886	2,495	5,679	8,836	65,562
1974 ..	14,513	5,131	2,082	5,808	6,659	10,563	6,036	3,096	3,044	5,100	10,173	72,210
1975 ..	12,647	4,950	2,293	6,383	7,906	12,586	6,357	3,333	3,421	4,600	11,487	75,863
1976 ..	14,370	5,871	2,537	6,141	9,096	13,813	7,037	3,607	3,852	4,220	12,586	83,130
1977 ..	14,054	7,033	2,904	6,142	10,121	15,342	7,813	3,940	4,365	4,058	14,521	90,293
1978 ..	14,329	10,113	3,054	6,193	11,267	16,795	8,087	4,019	5,120	4,852	16,961	100,791
1979 <sup>8</sup> ..	17,004	12,684	3,400	6,692	13,665	18,954	9,239	4,259	6,260	5,820	21,140	118,618

<sup>1</sup> Includes bulbs, plants, and trees.

<sup>2</sup> Includes expenditures for repairs and maintenance of farm buildings and other land improvements, petroleum fuel and oil, other motor vehicle operation, and repairs on other machinery.

<sup>3</sup> Estimated outlay necessary, at current prices, for the replacement of capital equipment that has been used up during the year.

<sup>4</sup> Includes cash wages, perquisites, and Social Security taxes paid by employers.

<sup>5</sup> Includes taxes levied against farm real estate and farm personal property.

<sup>6</sup> Interest charges payable during the calendar year on outstanding farm-mortgage debt.

<sup>7</sup> Includes interest on nonreal estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing charges, containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, miscellaneous hardware (including blacksmithing), veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail) machine hire and custom work, miscellaneous livestock and poultry, small hand tools, dairy supplies, nursery and greenhouse, apiary, and other miscellaneous.

<sup>8</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.



Table 659.—Labor: Total hours used for farm work, by enterprise groups, United States, 1965-79

Year	All farm work <sup>1</sup>	Livestock and livestock products				Crops									
		All <sup>2</sup>	Meat animals <sup>3</sup>	Milk cows	Poultry <sup>4</sup>	All crop <sup>5</sup>	Feed grains <sup>6</sup>	Hay and forage <sup>7</sup>	Food grains <sup>8</sup>	Vegetables <sup>9</sup>	Fruits and nuts <sup>10</sup>	Sugar crops <sup>11</sup>	Cotton	Tobacco	Oil crops <sup>12</sup>
1965 .....	Mil. 7,335	Mil. 2,969	Mil. 1,107	Mil. 1,250	Mil. 444	Mil. 3,416	Mil. 502	Mil. 410	Mil. 176	Mil. 407	Mil. 454	Mil. 85	Mil. 482	Mil. 468	Mil. 203
1966 .....	6,858	2,828	1,092	1,133	438	3,142	496	372	173	404	429	82	308	440	210
1967 .....	6,677	2,706	1,078	1,039	426	3,104	517	356	203	406	446	75	240	409	223
1968 .....	6,416	2,571	1,050	961	399	3,013	481	343	196	408	432	77	267	350	229
1969 .....	6,198	2,423	1,008	876	380	2,973	469	339	172	371	480	78	265	341	229
1970 .....	5,896	2,344	997	817	373	2,788	425	339	152	359	452	74	244	308	205
1971 .....	5,741	2,239	962	767	354	2,757	438	338	166	349	471	70	232	268	200
1972 .....	5,433	2,108	905	720	328	2,621	376	311	166	346	435	75	239	241	202
1973 .....	5,321	1,964	850	661	300	2,657	386	310	178	351	477	69	188	245	234
1974 .....	5,178	1,850	812	612	274	2,657	369	298	212	357	470	66	183	261	211
1975 .....	4,990	1,700	730	569	251	2,644	376	287	222	355	491	73	106	286	219
1976 .....	4,807	1,609	693	531	236	2,576	376	285	226	338	473	69	112	271	197
1977 .....	4,650	1,517	654	493	222	2,531	369	270	207	340	482	61	105	243	224
1978 .....	4,448	1,414	608	449	210	2,459	353	262	186	336	477	60	80	235	240
1979 <sup>13</sup> .....	4,343	1,330	570	410	203	2,451	342	254	196	336	495	56	80	200	262

<sup>1</sup>Includes labor used on crops, livestock, and overhead. Farm maintenance or overhead work includes time spent on fencing, repairs to buildings, machinery and equipment, farmwoods, pastures, general land maintenance, farm business, and other miscellaneous work. Excludes labor used on horses and mules and farm gardens after 1964.

<sup>2</sup>Excludes horses and mules; includes wool and minor livestock which are excluded from separate enterprises shown.

<sup>3</sup>Cattle and calves, sheep and lambs, and hogs.

<sup>4</sup>Chickens, broilers, and turkeys.

<sup>5</sup>Includes hay seeds, pasture seeds, and cover-crop seeds; farm gardens (excluded after 1964); and minor crops which are excluded from separate crops shown.

<sup>6</sup>Corn for grain, oats, barley, and sorghum grain.

<sup>7</sup>All hay, corn silage, and sorghum forage and silage.

<sup>8</sup>All wheat, rye, and rice. Buckwheat was excluded after 1964.

<sup>9</sup>Potatoes, sweetpotatoes, dry edible beans, dry field peas, and truck crops.

<sup>10</sup>Fruits, berries, and tree nuts.

<sup>11</sup>Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple products.

<sup>12</sup>Soybeans, peanuts, and flaxseed.

<sup>13</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 660.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1977-79**

State or possession and period	Commercial fertilizer	Nitrogen(N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash	State or possession and period	Commercial fertilizer	Nitrogen(N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
	Tons	Tons	Tons	Tons		Tons	Tons	Tons	Tons
Ala.: .....	1,175,714	188,289	114,510	132,312	Ky.: .....	1,134,335	182,772	150,456	169,690
1977 .....	1,066,974	161,706	108,967	127,476	1978 .....	1,014,531	167,099	132,950	158,032
1978 .....	1,070,438	151,936	112,743	137,743	1979 .....	1,015,920	157,341	140,810	166,930
Alaska: .....	9,780	1,833	1,346	1,155	La: .....	667,918	124,337	68,438	75,368
1977 .....	5,430	1,019	872	623	1978 .....	653,773	115,996	71,279	79,431
1978 .....	4,773	1,062	747	462	1979 .....	631,826	108,230	66,379	80,705
Ariz.: .....	361,840	109,970	41,458	1,199	Maine: .....	124,125	14,253	17,046	16,856
1977 .....	302,070	93,804	29,604	1,801	1978 .....	113,330	13,346	15,003	15,673
1978 .....	320,549	92,995	35,335	3,621	1979 .....	110,028	13,571	14,713	15,120
Ark.: .....	787,358	172,971	78,422	96,170	Md.: .....	505,786	70,217	59,667	73,454
1977 .....	642,876	135,042	66,077	86,118	1978 .....	418,620	58,111	61,059	61,059
1978 .....	664,894	141,154	69,119	85,419	1979 .....	454,913	66,522	54,639	67,413
Calif.: .....	4,623,425	596,081	213,158	69,071	Mass.: .....	68,004	9,015	5,872	6,607
1977 .....	3,780,391	544,719	203,530	73,631	1978 .....	86,503	11,501	7,644	8,552
1978 .....	3,557,771	484,063	166,823	58,245	1979 .....	70,014	10,275	6,220	7,530
Colo.: .....	355,566	118,131	43,813	11,002	Mich.: .....	1,195,006	217,448	161,701	219,237
1977 .....	407,337	136,804	46,802	9,440	1978 .....	1,225,687	216,222	168,474	233,884
1978 .....	385,983	125,991	32,072	10,942	1979 .....	1,308,466	239,842	173,699	249,769
Conn.: .....	63,586	8,924	5,809	4,776	Minn.: .....	2,058,038	521,019	295,622	360,796
1977 .....	59,963	7,780	5,311	5,134	1978 .....	1,966,306	491,719	274,678	358,038
1978 .....	59,966	7,556	5,284	5,136	1979 .....	2,389,626	612,371	331,842	439,291
Del.: .....	142,360	19,931	14,253	23,097	Miss.: .....	904,470	190,516	90,232	95,879
1977 .....	119,958	16,494	12,784	19,196	1978 .....	791,927	168,470	77,609	92,010
1978 .....	128,960	17,655	13,602	20,637	1979 .....	753,206	150,784	73,941	94,931
D.C.: .....	7,572	1,118	489	442	Mo.: .....	1,737,656	406,305	211,435	268,254
1977 .....	7,060	851	501	395	1978 .....	1,445,212	308,592	167,802	218,608
1978 .....	12,516	1,948	751	741	1979 .....	1,758,539	360,095	209,614	286,046
Fla.: .....	2,004,586	248,670	112,791	249,700	Mont.: .....	302,082	64,024	74,294	8,609
1977 .....	1,998,828	231,905	110,951	256,432	1978 .....	249,922	53,982	59,816	5,298
1978 .....	2,224,504	258,843	127,473	238,535	1979 .....	333,834	76,382	78,997	10,292
Ga.: .....	2,536,631	349,789	180,308	273,855	Nebr.: .....	1,876,466	748,938	185,950	69,736
1977 .....	2,171,534	286,794	153,337	235,884	1978 .....	1,802,979	733,774	160,434	63,811
1978 .....	2,247,506	280,606	160,462	248,503	1979 .....	1,901,298	752,313	176,145	68,789
Hawaii: .....	191,022	25,720	23,327	23,989	Nev.: .....	25,935	4,777	2,091	159
1977 .....	193,745	28,785	29,952	23,324	1978 .....	27,361	5,423	1,818	242
1978 .....	226,122	57,289	25,789	28,224	1979 .....	26,479	5,662	2,084	191
Idaho: .....	530,298	138,972	61,075	12,831	N.H.: .....	21,088	2,731	2,192	2,904
1977 .....	608,292	160,999	64,738	15,077	1978 .....	24,257	3,139	2,580	3,278
1978 .....	590,931	173,989	56,267	14,940	1979 .....	26,395	3,436	2,548	3,563
Ill.: .....	4,333,746	977,607	587,095	764,339	N.J.: .....	215,191	24,586	21,523	23,170
1977 .....	3,606,092	792,588	454,888	662,261	1978 .....	185,020	23,225	17,505	20,987
1978 .....	4,217,959	906,122	536,952	785,320	1979 .....	196,428	25,025	18,848	22,011
Ind.: .....	2,907,936	495,724	339,831	522,017	N. Mex.: .....	109,825	32,283	17,646	1,612
1977 .....	2,791,585	504,245	324,000	468,423	1978 .....	111,096	32,263	16,849	2,352
1978 .....	2,873,742	481,557	329,509	535,666	1979 .....	115,659	28,421	21,357	2,656
Iowa: .....	3,208,823	852,350	417,766	478,159	N.Y.: .....	605,308	86,756	78,471	81,420
1977 .....	3,267,725	921,084	423,895	458,847	1978 .....	590,726	84,420	76,821	83,947
1978 .....	3,933,942	1,003,638	496,700	641,864	1979 .....	637,784	98,300	90,120	72,407
Kans.: .....	1,639,960	636,832	198,828	54,701	N.C.: .....	2,055,701	261,778	163,898	233,117
1977 .....	1,422,811	551,458	158,404	43,351	1978 .....	1,857,027	222,283	150,037	216,532
1978 .....	1,578,331	603,892	194,503	50,081	1979 .....	1,935,407	235,170	153,643	225,966

See footnotes at end of table.

Table 660.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1977-79—Continued

State or possession and period	Com-mercial fertilizer	Nitro-gen(N)	Avail-able phos-phoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	State or possession and period	Com-mercial fertilizer	Nitro-gen(N)	Avail-able phos-phoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
N. Dak.:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	Utah:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1977 .....	667,645	229,102	140,665	18,685	1977 .....	126,766	23,420	20,973	789
1978 .....	647,280	253,062	120,326	19,285	1978 .....	123,516	27,744	14,801	2,559
1979 .....	704,036	290,161	113,636	23,574	1979 .....	115,994	29,242	13,109	866
Ohio:					Vt:				
1977 .....	2,048,257	363,480	287,575	351,311	1977 .....	57,616	7,403	8,556	7,335
1978 .....	1,970,945	347,186	268,700	350,859	1978 .....	46,043	6,180	5,517	6,469
1979 .....	2,229,229	392,344	308,833	415,913	1979 .....	52,792	7,273	6,813	7,729
Okla.:					Va.:				
1977 .....	773,994	256,555	113,231	34,253	1977 .....	917,220	114,379	78,494	97,476
1978 .....	689,760	243,522	85,839	32,144	1978 .....	789,233	98,675	72,538	90,081
1979 .....	858,850	303,610	112,720	40,646	1979 .....	800,874	98,393	74,207	95,463
Oreg.:					Wash.:				
1977 .....	545,476	127,191	50,332	25,550	1977 .....	708,067	175,144	65,343	30,194
1978 .....	509,234	122,739	42,123	26,787	1978 .....	790,185	211,019	60,712	32,875
1979 .....	535,186	132,996	47,642	24,064	1979 .....	866,286	238,147	67,432	33,104
Pa.:					W. Va.:				
1977 .....	683,530	96,809	94,696	88,644	1977 .....	76,412	10,675	10,843	8,827
1978 .....	664,379	98,158	91,684	90,616	1978 .....	65,439	8,961	7,889	8,747
1979 .....	579,046	80,938	76,123	74,653	1979 .....	60,734	7,674	8,454	7,700
R.I.:					Wis.:				
1977 .....	18,929	2,275	1,634	1,616	1977 .....	1,352,257	208,862	165,906	351,855
1978 .....	13,678	1,482	1,336	1,107	1978 .....	1,442,700	213,979	170,269	380,974
1979 .....	13,991	1,657	1,588	1,267	1979 .....	1,386,583	216,387	171,511	343,999
S.C.:					Wyo.:				
1977 .....	985,174	115,979	77,756	132,977	1977 .....	76,440	23,282	10,357	1,663
1978 .....	843,712	97,376	66,766	115,994	1978 .....	78,864	23,874	11,668	1,526
1979 .....	820,747	90,095	64,905	119,692	1979 .....	76,953	26,872	7,435	682
S. Dak.:					P.R.:				
1977 .....	346,111	95,760	55,857	15,035	1977 .....	120,084	17,767	6,591	12,374
1978 .....	373,386	104,551	60,797	15,427	1978 .....	108,245	15,554	6,407	12,098
1979 .....	399,200	116,079	60,837	17,209	1979 .....	254,046	34,872	13,529	28,119
Tenn.:					Total:				
1977 .....	859,067	131,012	122,439	130,322	1977 .....	51,623,675	10,647,403	5,629,732	5,833,775
1978 .....	797,974	119,551	111,674	134,246	1978 .....	47,497,760	9,964,619	5,096,143	5,526,183
1979 .....	781,554	109,421	120,636	135,475	1979 .....	51,031,349	10,642,991	5,543,744	6,216,097
Tex.:									
1977 .....	2,723,488	748,641	277,671	98,686					
1978 .....	2,523,639	685,366	250,847	95,244					
1979 .....	2,730,539	732,794	289,603	116,251					

<sup>1</sup>Includes Government distribution and secondary and micronutrient fertilizers, but not liming materials.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 661.—Fertilizers: Quantities of commercial fertilizers consumed and their average primary plant-nutrient content, United States, 1965-79<sup>1</sup>**

Year ending June 30	Mixed fertilizers				All fertilizers containing primary nutrients				Other fertilizers <sup>2</sup>
	Quantity	Nitrogen(N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Quantity	Nitrogen(N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Quantity
	1,000 tons	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent	1,000 tons
1965 <sup>3</sup> .....	18,559	7.82	15.17	12.39	30,315	15.30	11.59	9.35	1,521
1966 .....	19,659	8.10	15.82	12.61	33,071	16.11	11.78	9.74	1,461
1967 .....	21,132	8.35	16.58	13.02	35,684	16.89	12.06	10.21	1,397
1968 .....	21,294	8.77	16.81	12.67	37,126	18.28	12.00	10.22	1,617
1969 .....	21,234	8.95	17.54	12.53	37,614	18.50	12.41	10.34	1,334
1970 .....	20,961	9.25	17.69	12.70	38,292	19.48	11.95	10.54	1,296
1971 .....	21,513	9.59	18.33	13.00	39,902	20.38	12.04	10.60	1,217
1972 .....	21,511	9.91	18.58	12.93	39,896	20.11	12.19	10.85	1,310
1973 .....	22,547	10.21	18.79	12.76	41,822	19.83	12.16	11.12	1,466
1974 .....	24,067	10.10	17.75	12.66	44,964	20.37	11.34	11.30	2,130
1975 .....	20,647	10.16	17.99	12.50	40,606	21.18	11.10	10.97	1,878
1976 .....	22,958	10.53	19.29	12.52	46,893	22.20	11.15	11.11	2,296
1977 .....	24,099	10.58	19.87	12.78	49,099	21.69	11.47	11.88	2,525
1978 .....	22,110	10.74	19.63	12.79	45,621	21.82	11.16	12.10	1,877
1979 .....	23,639	10.84	19.93	12.90	48,952	21.74	11.32	12.70	2,080

<sup>1</sup>Includes Alaska, District of Columbia, Hawaii, and Puerto Rico. Includes fertilizers distributed by Government agencies.

<sup>2</sup>Products that do not contain primary nutrients. Includes gypsum, but not liming materials.

<sup>3</sup>Calculations are based on the guaranteed analysis of individual fertilizers.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 662.—Fertilizer materials: Sales of agricultural lime and phosphate rock, United States, 1977-79**

Item	Quantity			Value		
	1977	1978	1979	1977	1978	1979
Phosphate rock sold or used by producers: <sup>1</sup>						
Florida:	1,000 tons	1,000 tons	1,000 tons	1,000 dollars	1,000 dollars	1,000 dollars
Soft rock .....	30	28	30	514	559	585
Land pebble <sup>2</sup> .....	44,745	45,958	49,570	733,987	798,037	927,993
Tennessee <sup>3</sup> .....	1,938	1,861	2,129	13,987	15,153	16,485
Other States .....	5,577	5,917	6,762	80,596	87,629	118,454
Total .....	52,290	53,764	58,491	829,084	901,378	1,063,517
Agricultural lime and liming materials sold by producers:						
Lime from limestone:						
Quicklime <sup>4</sup> .....	21	13	10	661	339	280
Hydrated .....	70	65	61	2,463	2,985	3,021
Limestone pulverized .....	31,986	33,429	32,902	95,679	105,128	116,457
Calcareous marl .....	198	302	255	468	1,076	982
Poultry grit .....	2,369	2,742	2,905	12,860	17,606	21,110

<sup>1</sup>Uses include manufacture of superphosphate, phosphate, phosphoric acid, phosphorus, and ferrophosphorus; for direct application to the soil; as a fertilizer filler; stock and poultry feed; undistributed exports; and other minor uses.

<sup>2</sup>Includes North Carolina sales.

<sup>3</sup>Includes sintered matrix.

<sup>4</sup>Lime from oystershells included with quicklime from limestone.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Interior.



Table 663.—Pesticides (insecticides, fungicides, and weed killers): Production and foreign trade, United States, 1973-79

Item	1973	1974	1975	1976	1977	1978	1979
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
<b>PRODUCTION</b>							
Calcium arsenate .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Lead arsenate .....	3,946	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Copper sulfate .....	86,720	84,184	71,228	64,244	60,200	70,286	77,173
Aldrin-toxaphene group <sup>4</sup> .....	145,584	141,719	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
DDT .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Methyl bromide .....	29,571	30,452	36,048	35,856	34,684	( <sup>3</sup> )	( <sup>3</sup> )
Methyl parathion .....	48,890	51,448	53,668	( <sup>2</sup> )	39,695	( <sup>3</sup> )	( <sup>3</sup> )
Parathion .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ferbam .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Nabam .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Zineb .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2,4-D acid .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2,4,5-T acid .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other organic pesticides .....	1,064,907	1,193,539	1,519,405	1,323,535	1,313,140	1,416,484	( <sup>3</sup> )
<b>IMPORTS</b>							
Pyrethrum flowers .....	83	305	55	180	451	208	328
Pyrethrum extract .....	641	565	678	697	603	390	371
Rotenone-bearing roots .....	2,516	3,943	2,214	1,796	874	1,791	1,276
<b>EXPORTS</b>							
Fungicides <sup>5</sup> .....	58,467	60,059	47,872	50,351	54,239	79,459	76,697
2,4-D and 2,4,5-T, acid basis <sup>6</sup> .....	21,214	21,602	12,598	10,733	7,846	6,524	11,979
Other herbicides .....	118,803	168,982	188,138	186,978	203,104	227,646	251,634
DDT .....	73,712	56,376	47,228	25,433	498	30,279	( <sup>3</sup> )
Other polychlor insecticides .....	81,085	93,703	47,839	45,966	64,315	59,131	61,859
Organophosphorus insecticides .....	77,190	98,565	84,819	68,696	99,553	94,669	109,618
Other agricultural insecticides .....	101,229	109,790	119,290	132,422	121,265	130,744	119,136
Fumigants .....	34,360	31,321	16,343	19,033	14,675	19,645	18,907
Disinfectants, deodorants, and germicides .....	12,445	15,276	12,097	13,981	14,094	18,102	12,023
Household and industrial insecticides, repellents, and rodenticides .....	17,534	18,099	19,609	20,296	22,249	10,451	10,825

<sup>1</sup> Preliminary.<sup>2</sup> Withheld to avoid disclosure.<sup>3</sup> Not available.<sup>4</sup> Includes the chlorinated compounds aldrin, chlordane, dieldrin, endrin, heptachlor, toxaphene, and terpene polychlorinates.<sup>5</sup> Includes copper sulfate and agricultural sulfur, which were previously listed separately.<sup>6</sup> Preparations containing 2,4-D and 2,4,5-T included in "Other herbicides."<sup>7</sup> Includes calcium arsenate, lead arsenate, and nicotine sulfate, which were previously listed separately.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of Commerce, the International Trade Commission, the U.S. Department of the Interior, and trade sources.

Table 664.—Pesticides: Inorganic materials for formulation or manufacture and shipments to agriculture, United States, 1970-79

Item	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
<b>Used in pesticide formulation:</b>										
Talc, soapstone, and pyrophyllite .....	60,817	63,831	65,465	43,404	46,963	41,966	40,368	22,664	40,000	( <sup>3</sup> )
Fuller's earth .....	191,688	180,769	144,380	175,332	179,579	198,327	205,019	195,180	181,008	( <sup>3</sup> )
Kaolin .....	25,807	14,977	28,442	28,750	28,511	32,114	33,631	22,312	33,052	( <sup>3</sup> )
Bentonite .....	2,383	4,563	40,208	35,711	23,853	2,979	2,102	5,000	4,755	( <sup>3</sup> )
Other clays .....	5,373	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1,348	15,551	15,450	15,666	( <sup>3</sup> )
<b>Used in manufacture:</b>										
Mercury .....	69	56	70	70	37	23	23	22	( <sup>2</sup> )	( <sup>3</sup> )
<b>Shipments to agriculture:</b>										
Copper sulfate .....	14,384	15,556	14,032	19,844	18,972	16,187	13,479	16,487	12,096	( <sup>3</sup> )
Zinc sulfate (dry basis) .....	14,803	13,812	8,602	8,353	8,677	3,579	5,326	6,121	8,011	( <sup>3</sup> )

<sup>1</sup> Preliminary.<sup>2</sup> Data withheld to avoid disclosure.<sup>3</sup> Not available.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of the Interior.

Table 665.—Pesticides (insecticides, fungicides, and weed killers): Average wholesale price per pound, at works, United States, 1965–1979<sup>1</sup>

Year	BHC <sup>2</sup>	Chlordane	Copper sulfate 99%	Copper sulfate, tribasic	Cube	2,4-D	2,4-D ester	DDT <sup>3</sup>
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1965	0.75	65.0	15.3	32.5	17.8	33.9	35.0	17.0
1966	.75	65.0	17.2	36.5	19.2	32.5	33.1	18.0
1967	.68	60.2	18.5	38.9	22.7	33.2	35.7	17.9
1968	.66	59.0	19.5	40.6	23.2	35.2	37.2	17.5
1969	.65	59.0	21.2	44.4	23.1	33.2	35.5	17.7
1970	.65	59.0	23.9	49.5	22.0	33.2	35.5	21.8
1971	.65	59.0	22.6	46.8	22.9	36.0	41.0	22.0
1972	.65	59.4	22.6	46.7	23.0	36.0	41.0	22.0
1973	.65	61.0	25.2	52.2	23.0	36.0	37.5	22.0
1974	.65	63.3	33.8	68.5	30.6	36.0	37.5	27.1
1975	.65	71.2	35.3	70.8	41.0	52.2	56.6	34.0
1976	1.82	99.6	36.6	73.3	47.9	83.0	73.0	34.0
1977	2.00	105.0	34.7	69.4	50.0	83.0	73.0	34.0
1978	2.00	105.0	35.6	71.3	50.0	83.0	73.0	34.0
1979	2.00	105.0	39.8	78.7	50.0	83.6	74.0	34.0

  

Year	Lead arsenate	Lindane 99%	Lindane 25%	Methyl bromide	Parathion	Pyrethrum 1.3%	Pyrethrum 20%	2,4,5-T
	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>
1965	27.8	1.85	0.95	67.0	88.0	74.9	11.18	0.95
1966	29.0	1.85	.95	67.0	88.0	79.0	11.30	.98
1967	30.0	1.41	.95	60.6	78.0	81.0	11.52	1.02
1968	29.2	1.30	.95	60.5	62.4	78.4	11.20	1.11
1969	26.6	1.30	.95	60.5	59.0	75.0	10.60	1.14
1970	27.5	1.30	.95	60.5	59.0	75.0	9.92	1.13
1971	27.5	1.33	.95	41.1	46.2	75.0	10.12	1.12
1972	27.5	1.37	.95	34.0	45.0	75.0	10.24	1.12
1973	27.5	1.59	.95	34.0	49.0	75.0	10.25	1.12
1974	27.5	2.04	1.10	34.0	51.5	85.2	11.10	1.12
1975	27.5	2.50	1.30	36.8	80.9	99.0	12.25	1.12
1976	27.5	3.32	1.30	41.0	87.0	99.0	12.25	1.12
1977	27.5	3.45	1.30	41.0	87.0	99.0	12.25	1.12
1978	27.5	3.45	1.30	41.0	87.0	99.0	12.25	2.05
1979	27.5	3.45	1.30	41.0	87.0	99.0	12.25	2.50

<sup>1</sup> Average of weekly price quotations.<sup>2</sup> Gamma unit price; i.e., price per pound of 36 percent gamma material is 36 times the unit price quoted.<sup>3</sup> Price for flake or chip grades; price for powdered is 0.75 cent to 1 cent higher.<sup>4</sup> Estimated.

Agricultural Stabilization and Conservation Service. Based on data reported by the Schnell Publishing Company, Inc., in the Chemical Marketing Reporter.

## CHAPTER X

# TAXES, INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with taxes, insurance, agricultural credit, and farm cooperatives. Some of the series were developed in connection with research activities of the Department, while others, such as data from agricultural credit agencies, are primarily records of operations.

**Table 666.—Taxes levied on farm real estate and personal property: Amount, amount per acre, index numbers of amount per acre, United States, 1965-79**

Year	Farm real estate			Farm personal property
	Amount	Taxes per acre		
		Amount	Index	
	<i>Million dollars</i>	<i>Dollars</i>	<i>1967 = 100</i>	<i>Million dollars</i>
1965 .....	1,535.7	1.53	87	338.7
1966 .....	1,633.8	1.65	94	367.4
1967 .....	1,730.5	1.76	100	385.5
1968 .....	1,881.8	1.93	110	402.8
1969 .....	2,038.8	2.11	120	388.3
1970 .....	2,169.1	2.27	129	402.8
1971 .....	<sup>1</sup> 2,274.5	2.40	136	409.3
1972 .....	<sup>1</sup> 2,354.0	2.50	142	424.9
1973 .....	<sup>1</sup> 2,394.8	2.56	145	429.3
1974 .....	<sup>1</sup> 2,510.3	2.70	154	515.9
1975 .....	<sup>1</sup> 2,654.9	2.92	166	591.2
1976 .....	<sup>1</sup> 2,880.5	3.17	180	635.9
1977 .....	<sup>1</sup> 3,038.7	3.34	190	<sup>2</sup> 689.9
1978 <sup>3</sup> .....	3,016.5	3.34	190	<sup>2</sup> 742.3
1979 <sup>3</sup> .....	3,231.8	3.57	203	<sup>2</sup> 764.6

<sup>1</sup> Revised.

<sup>2</sup> Salt Lake County, Utah not included.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 667.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, index numbers of amount per acre, and amount per \$100 of full value, by States, 1977 and 1978

Year	Amount levied on farm real estate		Taxes per acre				Taxes per \$100 of full value	
			Amount		Index			
	1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>	1977	1978 <sup>1</sup>
	Million dollars	Million dollars	Dollars	Dollars	1967=100	1967=100	Dollars	Dollars
Ala .....	6.6	7.1	0.57	0.63	135	147	0.13	0.14
Alaska .....	5	.5	5.22	5.42	174	181	1.17	1.10
Ariz .....	24.1	24.3	2.34	2.36	251	254	.93	.91
Ark .....	25.6	27.3	1.80	1.89	164	172	.53	.33
Calif .....	354.9	185.5	12.27	6.51	188	100	1.76	.82
Colo .....	39.9	39.5	1.26	1.26	162	162	.48	.44
Conn .....	7.3	7.9	18.01	19.53	179	194	1.01	1.00
Del .....	1.1	1.3	1.86	2.15	109	126	.14	.14
Fla .....	66.1	68.7	5.17	5.41	189	273	.67	.65
Ga .....	41.4	44.5	2.96	3.12	291	306	.58	.55
Hawaii .....	5.1	5.8	2.41	2.69	167	187	.36	.47
Idaho .....	33.5	34.9	2.86	2.98	200	208	.62	.60
Ill .....	316.7	331.0	10.96	11.49	198	207	.77	.73
Ind .....	86.0	89.6	5.17	5.39	127	133	.45	.41
Iowa .....	264.2	278.3	8.02	8.47	193	205	.66	.67
Kans .....	125.5	126.9	2.64	2.68	156	159	.70	.71
Ky .....	29.1	29.9	2.05	2.11	167	171	.34	.31
La .....	11.9	12.8	1.34	1.43	124	132	.23	.21
Maine .....	6.9	8.1	4.52	5.23	177	205	1.13	1.19
Md .....	16.9	16.3	6.55	6.35	167	162	.48	.40
Mass .....	11.5	11.2	19.76	19.64	219	218	1.76	1.58
Mich .....	118.2	129.5	11.24	12.77	333	378	1.47	1.48
Minn .....	102.6	127.5	3.72	4.63	141	175	.57	.63
Miss .....	17.9	16.6	1.31	1.24	167	157	.33	.27
Mo .....	79.5	79.3	2.69	2.78	190	197	.51	.46
Mont .....	44.3	44.8	.88	.89	170	171	.56	.51
Nebr .....	144.8	170.1	3.24	3.81	203	240	.80	.98
Nev .....	4.7	5.1	.78	.83	171	180	.83	.79
N.H .....	3.8	4.3	7.31	8.27	209	236	1.11	1.13
N.J .....	16.9	17.0	18.00	18.21	145	146	.90	.89
N. Mex .....	9.6	9.7	.26	.26	130	130	.27	.26
N.Y .....	96.2	104.3	10.78	11.68	282	307	1.86	1.98
N.C .....	31.6	32.7	2.84	2.95	192	199	.42	.43
N. Dak .....	70.1	75.2	1.74	1.87	193	207	.77	.66
Ohio .....	112.6	123.0	7.31	8.03	222	244	.65	.64
Okla .....	42.0	44.7	1.34	1.43	165	174	.36	.35
Oreg .....	50.0	42.0	3.04	2.56	153	129	1.03	.80
Pa .....	60.9	57.1	7.92	7.51	219	207	.81	.69
R.I .....	1.4	1.3	24.12	25.96	237	255	1.37	1.34
S.C .....	11.1	11.5	1.84	1.94	195	206	.35	.36
S. Dak .....	75.2	84.0	1.94	2.17	210	233	.91	.86
Tenn .....	31.8	33.1	2.46	2.58	252	263	.45	.42
Tex .....	175.0	171.9	1.34	1.32	190	186	.47	.40
Utah .....	11.9	12.4	1.58	1.64	163	169	.54	.53
Vt .....	10.2	10.5	6.30	6.49	220	227	1.16	1.09
Va .....	27.9	30.2	3.01	3.30	261	287	.45	.45
Wash .....	49.3	50.7	3.72	3.80	211	216	.68	.64
W. Va .....	2.5	2.5	.73	.74	148	151	.18	.18
Wis .....	149.0	163.0	8.66	9.52	240	264	1.48	1.38
Wyo .....	12.9	11.7	.52	.47	162	147	.45	.40
U.S .....	3,038.7	3,016.5	3.34	3.34	190	190	.70	.64

<sup>1</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.



Table 668.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1939-79

Crop	Year	Drought	Hail	Excess moisture	Frost freeze, cold, and winter-kill	Flood	Wind	Insects	Disease	All others
		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Apple .....	1963-79	.....	16.6	.....	79.6	3.8	.....	.....	.....	.....
Barley .....	1956-79	48.8	20.0	13.3	5.4	2.9	6.2	0.7	0.4	2.3
Bean, dry edible .....	1948-79	15.9	21.6	27.9	20.8	.8	5.0	1.1	5.5	1.4
Cherry, red tart .....	1963-66	.....	7.7	.....	88.9	.....	3.2	.....	.....	.2
Citrus .....	1951-79	.....	.9	.....	96.5	.....	2.6	.....	.....	0
Corn .....	1945-79	66.6	5.4	12.6	4.6	1.1	6.7	.7	1.7	.5
Cotton .....	1942-79	25.2	11.2	27.6	12.2	2.8	5.6	13.3	.6	1.5
Flax .....	1945-79	36.0	8.9	26.9	7.9	1.5	7.0	1.3	2.9	7.5
Forage production .....	1979	36.4	.....	2.9	36.8	.....	.....	23.9	.....	.....
Forage seeding .....	1978-79	63.4	.....	19.5	.8	.....	.8	.....	.....	15.6
Grain sorghum .....	1959-79	46.9	10.0	11.8	9.4	.6	10.1	9.9	.6	.7
Grape .....	1967-79	.1	3.9	19.0	63.6	0	13.1	.....	.....	.3
Oat .....	1956-79	42.4	18.6	22.3	5.1	.2	9.0	1.0	.5	.9
Orange .....	1958-79	.....	.....	.....	100.0	.....	.....	.....	.....	.....
Pea, dry and green .....	1962-79	34.2	4.6	20.4	22.6	0	16.6	.1	.3	1.2
Peach .....	1957-79	.....	20.7	.....	76.8	.....	.2	.....	.....	2.2
Peanut .....	1962-79	40.0	0	50.9	4.5	.4	1.3	.6	2.0	.2
Potato .....	1962-79	.....	9.5	28.1	36.9	1.1	3.2	.4	19.6	1.1
Raisin .....	1961-79	.....	.....	100.0	.....	.....	.....	.....	.....	.....
Safflower .....	1964-66	52.9	41.3	2.3	.....	2.7	.....	.....	.9	.....
Soybean .....	1955-79	48.6	18.9	22.9	4.0	3.2	1.8	.1	.1	.3
Sugarbeet .....	1965-79	15.2	5.0	26.4	16.1	19.7	8.1	4.1	3.3	2.0
Sugarcane .....	1967-79	23.9	.7	47.2	10.0	2.1	13.8	.4	1.6	.2
Sunflower .....	1976-79	8.2	23.4	23.8	4.1	.....	20.3	17.0	1.8	1.4
Sweet corn .....	1978-79	2.2	.....	95.8	.....	.....	2.1	.....	.....	.....
Tobacco .....	1945-79	22.3	15.9	36.6	2.6	1.3	11.4	.6	7.0	2.2
Tomato .....	1963-79	17.4	10.1	56.0	14.2	.4	.8	.3	.5	.3
Tung nut .....	1965-70	.....	.....	.....	100.0	.....	.....	.....	.....	.....
Wheat .....	1939-79	44.1	16.3	5.9	13.2	2.5	7.7	4.1	4.4	1.9
All crops .....	1939-79	39.9	12.1	16.8	13.8	2.1	6.8	4.3	2.8	1.4

Federal Crop Insurance Corporation.

## FOOTNOTES FOR TABLE 669

- <sup>1</sup>Data for 1979 are preliminary.  
<sup>2</sup>Number of farms on which the insured crop was planted, including duplication where both the landlord and tenant are insured. Insured farms on which no insured crop was planted are not included.  
<sup>3</sup>The insured's share of the planted area on the farm.  
<sup>4</sup>Less than 500 acres.  
<sup>5</sup>Includes a combination of commodities varying by counties.  
<sup>6</sup>Thousand of tons insured for raisins (not included in total of all commodities).  
<sup>7</sup>Less than 500 tons.

Federal Crop Insurance Corporation.

Table 669.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1975-79<sup>1</sup>

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
Apple:								
1975 .....	8	494	6	3,266	357	56	1	64
1976 .....	8	434	5	2,934	302	217	3	416
1977 .....	8	475	6	3,451	372	272	4	719
1978 .....	9	657	9	6,016	618	327	5	661
1979 .....	9	654	9	6,427	654	265	4	525
Barley:								
1975 .....	199	9,523	606	16,138	1,154	1,399	80	1,234
1976 .....	199	9,789	642	21,367	1,515	2,056	107	1,989
1977 .....	199	15,952	1,208	40,707	3,087	2,493	194	3,046
1978 .....	209	12,913	850	28,903	2,098	805	53	840
1979 .....	220	9,582	621	25,432	1,799	941	62	1,010
Bean, dry edible:								
1975 .....	36	3,088	95	8,245	515	423	13	421
1976 .....	36	2,734	86	8,211	486	312	11	328
1977 .....	36	2,192	67	6,502	390	293	10	396
1978 .....	39	2,362	75	7,635	455	231	9	407
1979 .....	39	2,076	63	6,463	384	70	3	129
Citrus:								
1975 .....	28	4,870	87	26,638	2,631	503	14	985
1976 .....	25	4,415	80	24,671	2,287	2,213	49	6,090
1977 .....	25	3,908	72	22,373	2,160	285	7	608
1978 .....	25	3,562	79	25,200	2,284	1,001	17	2,302
1979 .....	25	3,220	78	25,373	2,250	24	2	46
Combined crop: <sup>3</sup>								
1975 .....	9	2,733	458	14,230	519	185	22	316
1976 .....	7	2,724	506	16,548	627	219	30	286
1977 .....	7	2,953	509	16,649	613	266	43	590
1978 .....	7	2,641	392	13,619	488	47	( <sup>4</sup> )	38
1979 .....	7	2,442	334	13,162	496	35	( <sup>4</sup> )	33
Corn:								
1975 .....	634	89,585	4,571	352,455	16,575	16,548	835	19,290
1976 .....	639	107,809	5,832	560,722	26,186	33,090	1,901	62,803
1977 .....	639	115,655	6,267	614,970	30,443	22,400	1,232	56,506
1978 .....	719	102,693	5,289	564,112	28,568	3,532	167	5,650
1979 .....	728	96,959	5,041	557,333	27,605	2,429	120	4,232
Cotton:								
1975 .....	264	6,910	438	53,956	3,017	3,278	226	9,710
1976 .....	259	7,641	657	86,713	4,499	2,847	301	16,053
1977 .....	259	7,263	715	90,090	5,802	1,032	87	2,724
1978 .....	265	7,162	616	76,517	5,215	1,823	167	5,888
1979 .....	265	7,779	732	115,423	8,106	2,387	217	11,634
Flax:								
1975 .....	84	4,191	172	4,148	508	1,043	44	500
1976 .....	84	2,673	99	2,404	292	1,429	52	737
1977 .....	84	4,414	204	5,027	654	1,404	75	939
1978 .....	84	2,158	77	1,903	238	313	13	156
1979 .....	84	2,488	105	2,604	337	301	14	178
Forage production:								
1979 .....	3	65	3	330	18	13	1	12
Forage seeding:								
1978 .....	3	44	1	46	5	15	( <sup>4</sup> )	10
1979 .....	3	58	2	68	6	20	1	24
Grain sorghum:								
1975 .....	190	11,367	603	26,654	1,660	1,354	60	855
1976 .....	190	12,218	641	34,642	2,103	1,860	105	1,922
1977 .....	190	11,280	559	30,342	1,854	889	42	872
1978 .....	229	10,643	513	27,953	1,696	1,745	112	2,476
1979 .....	230	9,797	467	29,499	1,847	705	43	1,109
Grape:								
1975 .....	8	410	8	3,752	229	14	( <sup>4</sup> )	22
1976 .....	8	409	8	3,687	222	23	( <sup>4</sup> )	55
1977 .....	8	381	8	3,860	231	268	6	889
1978 .....	8	392	8	3,773	238	23	( <sup>4</sup> )	48
1979 .....	10	444	11	5,536	326	31	1	66
Oat:								
1975 .....	265	13,980	366	8,861	573	1,006	31	305
1976 .....	265	15,010	413	10,506	666	3,783	141	1,993
1977 .....	265	17,263	560	14,509	1,053	819	44	589
1978 .....	330	12,425	345	8,799	636	1,024	27	339
1979 .....	330	10,050	272	6,918	506	910	23	302
Pea, dry and green:								
1975 .....	63	2,060	73	6,293	508	411	10	421
1976 .....	63	1,744	53	4,576	368	369	8	296
1977 .....	63	1,699	80	6,447	487	479	43	1,425
1978 .....	66	1,922	92	7,073	552	408	12	464
1979 .....	66	1,762	82	5,821	462	189	10	279

Table 669.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1975-79<sup>1</sup>—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	Amount
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>1,000 dollars</i>
<b>Peach:</b>								
1975	17	371	10	2,066	352	230	7	502
1976	17	338	9	2,102	399	120	3	183
1977	17	228	6	1,398	247	71	1	124
1978	17	168	4	969	160	104	2	347
1979	17	182	7	3,683	277	12	(*)	42
<b>Peanut:</b>								
1975	75	9,675	183	47,266	2,480	697	11	805
1976	75	9,659	187	59,173	2,918	737	15	1,431
1977	75	8,009	151	52,347	2,533	689	16	1,438
1978	80	7,735	149	49,358	2,396	304	8	676
1979	80	7,258	139	49,796	2,376	919	17	1,572
<b>Potato:</b>								
1978	3	19	1	436	21	0	0	0
1979	3	3	(*)	125	6	1	(*)	1
<b>Raisin:</b>								
1975	7	739	6 29	6,849	204	10	(7)	41
1976	7	784	6 30	8,171	229	242	6 11	2,679
1977	7	1,506	6 64	20,602	658	2	(7)	10
1978	7	1,292	6 54	17,311	551	581	6 27	6,717
1979	7	1,338	6 75	32,209	1,709	0	0	0
<b>Rice:</b>								
1975	29	545	69	14,255	453	26	2	105
1976	30	562	62	13,159	404	43	3	217
1977	30	386	39	8,130	243	41	3	174
1978	36	468	51	11,256	322	44	6	245
1979	36	563	56	13,024	362	69	8	546
<b>Soybean:</b>								
1975	639	60,195	2,226	127,537	6,646	3,933	150	2,562
1976	643	63,641	2,225	151,789	7,666	12,932	440	8,471
1977	643	75,007	2,980	206,403	10,591	4,360	184	4,096
1978	679	69,276	2,723	184,095	9,585	3,135	145	3,809
1979	679	71,420	3,144	253,793	13,326	3,435	175	5,023
<b>Sugarbeet:</b>								
1975	100	2,567	142	25,553	1,150	493	32	2,190
1976	100	2,322	134	25,338	1,142	219	13	679
1977	100	2,155	148	27,976	1,297	107	6	425
1978	107	1,956	123	24,057	1,123	59	3	225
1979	107	1,591	101	20,633	941	85	5	331
<b>Sugarcane:</b>								
1975	13	647	38	5,968	191	56	3	89
1976	13	687	41	8,081	250	85	4	160
1977	14	498	27	5,674	169	25	2	141
1978	14	288	13	2,817	82	59	3	128
1979	20	425	39	13,298	569	60	4	240
<b>Sunflower:</b>								
1976	6	376	28	1,614	96	22	1	34
1977	6	1,394	134	7,964	464	34	3	56
1978	35	4,107	358	21,192	1,307	111	8	162
1979	35	6,394	562	33,029	2,017	363	29	802
<b>Sweet corn:</b>								
1978	2	114	6	483	31	12	1	18
1979	2	157	7	569	36	11	1	19
<b>Tobacco:</b>								
1975	254	94,400	384	432,742	10,274	6,838	28	10,882
1976	254	95,348	384	505,482	11,995	5,696	24	10,788
1977	254	81,902	323	475,087	11,137	11,426	54	33,167
1978	256	79,955	347	530,894	12,459	2,588	10	5,292
1979	256	74,242	310	496,674	11,554	7,269	21	12,768
<b>Tomato:</b>								
1975	8	68	2	504	32	18	1	62
1976	8	52	1	306	19	2	26	3
1977	8	44	1	389	23	3	(*)	19
1978	10	56	3	1,283	69	5	(*)	20
1979	10	50	2	596	38	15	(*)	54
<b>Wheat:</b>								
1975	748	103,319	10,366	382,951	23,350	8,117	733	11,968
1976	748	106,418	11,458	429,920	26,163	16,998	1,707	24,627
1977	749	112,556	11,341	429,944	27,281	19,426	2,439	39,990
1978	771	96,209	9,896	376,718	22,395	8,248	669	10,847
1979	813	93,193	9,229	420,991	24,707	12,223	1,442	24,280
<b>Total, all commodities:</b>								
1975	3,678	421,610	20,898	1,570,494	73,860	46,640	2,304	63,329
1976	3,684	447,787	23,551	1,982,116	90,824	85,514	4,944	142,240
1977	3,686	467,120	25,405	2,090,941	101,789	67,084	4,555	148,943
1978	4,010	421,217	21,520	1,992,418	93,592	26,544	1,437	47,265
1979	4,084	404,192	21,416	2,138,809	102,714	32,782	2,203	65,257

See footnotes on page 473.

Table 670.—Farm real estate debt: Amount outstanding by farming regions, Jan. 1, 1965–80<sup>1</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965	967,814	1,975,315	4,268,180	1,893,044	1,255,613	1,143,013
1966	1,067,985	2,194,552	4,733,871	2,132,367	1,413,336	1,264,111
1967	1,158,283	2,364,346	5,130,393	2,333,776	1,553,069	1,394,113
1968	1,237,019	2,509,539	5,707,602	2,663,688	1,709,758	1,530,585
1969	1,321,548	2,685,812	6,321,121	3,022,856	1,862,779	1,668,598
1970	1,426,304	2,845,050	6,677,534	3,216,629	2,006,238	1,810,654
1971	1,510,059	2,957,778	6,862,910	3,330,858	2,102,622	1,912,536
1972	1,629,716	3,157,213	7,231,041	3,520,437	2,248,087	2,075,400
1973	1,835,944	3,521,139	7,888,472	3,901,630	2,481,341	2,359,575
1974	2,132,926	4,010,632	9,003,827	4,408,702	2,907,534	2,883,829
1975	2,562,877	4,516,356	9,882,580	4,717,705	3,373,550	3,465,415
1976	2,752,445	4,932,545	11,046,205	5,151,318	3,839,693	3,823,082
1977	2,851,665	5,470,493	12,685,406	5,882,549	4,245,752	3,996,671
1978	3,036,785	6,230,125	14,847,091	6,718,841	4,780,254	4,471,428
1979	3,195,662	7,213,663	16,707,638	7,340,074	5,252,563	5,042,239
1980 <sup>2</sup>	3,800,698	8,505,917	19,215,431	8,705,019	6,152,372	5,695,515

  

Year	Delta States	Southern Plains	Mountain	Pacific	United States <sup>3</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965	1,065,544	1,985,475	1,880,689	2,445,464	18,894,240
1966	1,217,870	2,231,294	2,124,793	2,788,474	21,186,886
1967	1,363,294	2,398,478	2,330,782	3,032,469	23,077,186
1968	1,500,675	2,629,660	2,519,122	3,113,519	25,142,401
1969	1,659,243	2,883,875	2,732,712	3,217,441	27,397,370
1970	1,798,655	3,042,914	2,895,357	3,443,265	29,182,766
1971	1,871,531	3,131,092	3,018,002	3,623,050	30,346,083
1972	1,977,419	3,280,792	3,200,982	3,855,991	32,207,666
1973	2,187,908	3,714,396	3,562,412	4,254,778	35,757,754
1974	2,459,145	4,314,397	4,036,787	4,982,602	41,252,870
1975	2,726,595	4,916,925	4,373,794	5,686,721	46,288,419
1976	2,983,769	5,408,134	4,923,779	6,143,332	51,068,946
1977	3,297,995	5,715,707	5,409,803	6,938,445	56,559,645
1978	3,637,498	6,024,358	5,962,949	7,794,321	63,641,566
1979	3,981,790	6,377,056	6,445,261	9,194,220	70,832,666
1980 <sup>2</sup>	4,673,399	6,998,815	7,581,052	10,694,063	82,123,242

<sup>1</sup> States included in regions are as follows: Northeast—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, and Maryland; Lake States—Michigan, Wisconsin, and Minnesota; Corn Belt—Ohio, Indiana, Illinois, Iowa, and Missouri; Northern Plains—North Dakota, South Dakota, Nebraska, and Kansas; Appalachian—Virginia, West Virginia, North Carolina, Kentucky, and Tennessee; Southeast—South Carolina, Georgia, Florida, and Alabama; Delta States—Mississippi, Arkansas, and Louisiana; Southern Plains—Oklahoma and Texas; Mountain—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; Pacific—Washington, Oregon, and California. <sup>2</sup> Preliminary. <sup>3</sup> Includes Alaska and Hawaii.

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Table 671.—Farm real estate debt: Amount outstanding by lender, United States, Jan. 1, 1965–80

Year	Federal land banks <sup>1</sup>	Farmers Home Administration <sup>2</sup>	Life insurance companies <sup>3</sup>	All operating banks <sup>4</sup>	Individuals and others <sup>5</sup>	Total farm mortgage debt
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965	3,686,755	1,284,913	4,287,871	2,416,534	7,213,267	18,894,240
1966	4,240,227	1,497,313	4,801,677	2,607,404	8,040,265	21,186,886
1967	4,914,522	1,663,067	5,213,587	2,770,010	8,516,000	23,077,186
1968	5,563,204	1,844,046	5,539,600	3,060,551	9,135,000	25,142,401
1969	6,081,229	2,054,382	5,763,500	3,333,259	10,165,000	27,397,370
1970	6,671,222	2,279,620	5,733,900	3,545,024	10,953,000	29,182,766
1971	7,145,363	2,440,043	5,610,300	3,772,377	11,378,000	30,346,083
1972	7,879,753	2,618,131	5,564,300	4,218,482	11,927,000	32,207,666
1973	9,050,067	2,835,202	5,643,300	4,792,185	13,437,000	35,757,754
1974	10,901,352	3,013,440	5,964,300	5,458,278	15,915,000	41,252,870
1975	13,402,441	3,214,657	6,297,400	5,966,282	17,407,639	46,288,419
1976	15,949,720	3,368,747	6,726,000	6,296,286	18,728,193	51,068,946
1977	18,454,578	3,657,467	7,400,200	6,781,410	20,265,990	56,559,645
1978	21,391,162	3,982,054	8,819,400	7,780,261	21,688,689	63,641,566
1979	24,619,174	4,121,038	10,478,200	8,556,539	23,057,715	70,832,666
1980 <sup>6</sup>	29,641,784	6,556,271	12,165,379	8,623,281	25,136,527	82,123,242

See footnotes on page 477.



Table 672.—Farm real estate debt: Amount outstanding, by States, Jan. 1, 1960, 1965, 1970, 1975, 1979, and 1980

State	1960	1965	1970	1975	1979	1980 <sup>1</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	157,733	251,621	402,451	634,856	971,624	1,081,562
Alaska.....	991	2,535	2,706	4,286	3,168	4,603
Ariz.....	117,650	196,238	293,473	397,295	508,059	631,845
Ark.....	261,339	449,175	721,809	1,089,211	1,600,311	1,840,417
Calif.....	1,240,738	1,704,724	2,353,445	3,904,386	6,264,931	7,315,754
Colo.....	242,052	397,669	651,534	1,087,265	1,628,887	1,894,993
Conn.....	27,841	32,213	38,426	73,857	74,848	157,837
Del.....	13,581	22,277	40,525	76,017	91,328	112,609
Fla.....	240,004	419,076	614,323	1,267,807	1,744,377	2,009,803
Ga.....	208,599	339,129	584,717	1,148,839	1,716,724	1,935,734
Hawaii.....	7,838	11,554	17,460	61,615	79,332	96,358
Idaho.....	238,527	386,156	579,394	875,059	1,321,248	1,547,314
Ill.....	597,426	956,337	1,504,747	2,190,726	4,050,602	4,747,446
Ind.....	433,558	691,412	1,089,451	1,656,518	2,678,269	3,319,518
Iowa.....	853,428	1,345,602	2,184,660	3,140,923	5,121,888	5,810,355
Kans.....	356,119	584,847	1,025,935	1,544,233	2,440,890	2,863,199
Ky.....	228,361	372,290	599,255	982,398	1,582,989	1,843,442
La.....	134,817	232,683	452,362	714,120	1,137,960	1,380,996
Maine.....	24,072	36,019	58,369	93,976	117,970	131,528
Md. <sup>2</sup> .....	85,412	132,042	225,290	376,938	477,964	577,202
Mass.....	22,987	27,630	38,944	71,216	75,623	54,889
Mich.....	300,938	456,411	666,770	1,066,812	1,645,314	1,904,464
Minn.....	591,066	904,065	1,325,479	1,997,148	3,339,220	3,962,931
Miss.....	251,220	383,686	624,484	923,264	1,243,519	1,451,986
Mo.....	434,800	684,037	1,038,771	1,600,503	2,532,781	2,884,868
Mont.....	197,212	364,405	632,912	976,233	1,443,388	1,701,637
Nebr.....	353,726	625,436	1,099,564	1,596,989	2,563,472	3,036,460
Nev.....	41,738	70,296	85,036	123,122	201,309	227,425
N.H.....	8,188	11,663	18,210	32,721	40,154	27,913
N.J.....	66,311	80,641	114,558	211,405	237,890	273,522
N. Mex.....	132,700	196,046	278,392	377,923	541,468	637,337
N.Y.....	203,676	285,843	407,812	759,288	904,537	1,032,285
N.C.....	199,027	292,387	446,287	779,765	1,255,169	1,525,279
N. Dak.....	161,913	307,276	520,291	750,006	1,180,907	1,419,017
Ohio.....	384,151	590,792	859,905	1,293,910	2,324,098	2,453,244
Okla.....	290,670	483,647	774,171	1,295,517	1,861,891	2,113,290
Oreg.....	242,889	361,868	510,214	834,542	1,361,550	1,581,251
Pa.....	199,660	284,538	403,832	724,620	1,010,005	1,238,845
R.I.....	2,247	2,983	3,569	5,581	5,763	2,850
S.C.....	92,923	133,187	209,163	413,913	609,514	668,416
S. Dak.....	227,266	375,485	570,839	826,477	1,154,805	1,386,343
Tenn.....	199,354	330,363	543,688	906,253	1,374,012	1,591,707
Tex.....	941,460	1,501,828	2,268,743	3,621,408	4,515,165	4,885,525
Utah.....	90,364	114,459	139,354	195,380	306,725	359,775
Vt.....	37,152	51,965	76,769	137,258	159,580	191,218
Va.....	132,491	209,361	345,604	584,888	851,441	979,116
Wash.....	242,673	378,872	579,606	947,793	1,567,739	1,797,058
W. Va.....	35,670	51,212	71,404	120,246	188,952	209,828
Wis.....	433,184	614,839	852,801	1,452,396	2,229,129	2,638,522
Wyo.....	94,667	155,420	234,762	341,917	494,177	580,726
U.S.....	12,082,409	18,894,240	29,182,766	46,238,819	70,832,666	82,123,242

<sup>1</sup>Preliminary.<sup>2</sup>Includes District of Columbia.

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## FOOTNOTES FOR TABLE 671

<sup>1</sup>Includes regular mortgages, purchase-money mortgages, and sales contracts.<sup>2</sup>Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms, and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.<sup>3</sup>Compiled from reports of life insurance companies, "Best's Life Insurance Reports," "Spectator Life Insurance Yearbooks," and data from Life Insurance Association of America and Institute of Life Insurance. Includes legal reserve companies only.<sup>4</sup>Includes all operating commercial, savings, and private banks.<sup>5</sup>Estimated by ESCS.<sup>6</sup>Preliminary.

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Table 673.—Farm real estate debt: Amount outstanding by lender, by States, Jan. 1, 1979 and 1980

State	Federal land banks <sup>1</sup>		Life insurance companies <sup>2</sup>		Farmers Home Administration <sup>3</sup>		All banks		Individuals and others <sup>4</sup>	
	1979	1980	1979 <sup>3</sup>	1980 <sup>4</sup>	1979	1980	1979	1980	1979	1980 <sup>4</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala. ....	383,552	473,409	72,500	82,375	82,445	101,336	225,814	206,963	207,313	217,579
Alaska ..	1,976	2,501	.....	.....	251	648	941	1,454	.....	.....
Ariz. ....	70,424	84,465	146,600	191,212	35,534	58,290	11,389	11,634	244,112	286,244
Ark. ....	417,699	510,741	392,100	448,876	123,093	203,341	297,302	298,732	370,117	378,727
Calif. ....	1,544,788	1,955,525	1,548,500	1,731,456	39,272	87,980	322,271	398,232	2,810,100	3,142,561
Colo. ....	685,700	797,119	325,800	369,943	75,620	112,526	47,004	35,249	494,763	580,156
Conn. ....	45,259	112,513	500	368	4,482	11,644	2,861	8,099	21,746	25,213
Del. ....	44,733	57,348	1,100	1,162	8,033	12,676	20,204	21,416	17,258	20,007
Fla. ....	713,337	850,701	375,600	458,348	38,739	73,418	156,286	144,143	460,415	483,193
Ga. ....	874,667	1,007,739	194,500	201,278	88,002	144,368	348,232	360,584	211,323	221,765
Hawaii ...	54,203	67,689	10,900	11,075	7,161	8,892	7,068	8,702	.....	.....
Idaho ....	554,641	599,529	212,300	239,729	154,719	243,714	13,804	11,974	385,784	457,368
Ill. ....	1,549,643	1,978,652	584,800	725,501	128,719	228,628	609,419	579,982	1,178,021	1,236,773
Ind. ....	786,911	1,172,846	362,400	466,104	96,487	204,025	559,458	559,990	873,013	916,553
Iowa ....	1,509,745	1,834,385	747,300	876,893	175,499	292,062	356,321	357,635	2,383,023	2,449,380
Kans. ....	1,038,026	1,284,760	426,800	461,940	149,666	226,852	217,362	213,679	607,036	675,968
Ky. ....	516,423	623,027	114,100	150,600	117,361	200,262	433,650	433,030	401,450	486,523
La. ....	441,192	546,067	268,300	352,988	62,846	106,372	192,106	197,476	177,553	177,553
Maine ....	30,897	33,142	5,300	6,304	53,771	68,442	8,847	7,590	18,155	21,050
Md. * ...	188,462	239,424	16,000	18,893	21,782	41,856	77,349	74,854	174,371	202,175
Mass. ....	31,116	0	2,200	2,337	4,244	11,052	13,324	12,807	24,739	28,683
Mich. ....	611,325	738,477	64,700	69,791	79,244	142,901	218,517	208,986	671,528	744,309
Minn. ....	1,053,760	1,360,546	358,800	416,123	167,166	264,856	231,891	283,660	1,477,603	1,637,746
Miss. ....	409,484	492,713	302,000	382,277	113,080	136,750	217,835	234,498	201,070	205,748
Mo. ....	743,183	876,027	371,900	440,939	197,522	298,361	522,110	536,660	698,066	732,881
Mont. ....	531,387	591,302	251,000	319,626	95,805	132,277	29,071	29,717	536,175	628,715
Nebr. ....	917,559	1,056,201	569,900	664,543	191,607	344,777	96,387	98,437	788,019	877,502
Nev. ....	58,677	61,458	73,000	77,692	9,133	18,034	1,650	1,235	58,949	69,006
N.H. ....	15,702	0	5,200	5,357	3,972	5,836	7,799	8,046	7,481	8,674
N.J. ....	100,734	116,580	4,700	4,652	12,252	16,396	15,762	14,798	104,442	121,096
N. Mex. ....	178,693	216,690	104,400	106,464	36,494	58,016	27,899	28,705	193,982	227,462
N.Y. ....	362,619	370,585	17,000	22,678	80,777	147,708	130,615	127,795	313,562	363,519
N.C. ....	719,106	886,834	103,700	119,303	116,219	194,224	103,926	97,160	212,218	220,758
N. Dak. ....	574,823	716,781	60,100	60,405	182,480	244,064	89,951	93,151	273,553	304,616
Ohio ....	956,667	946,856	191,800	249,112	54,224	94,049	448,863	456,931	672,744	706,296
Okla. ....	700,142	805,506	216,100	224,795	174,844	307,729	234,076	226,875	536,729	548,385
Oreg. ....	396,910	474,591	207,600	236,979	59,662	93,515	16,391	14,611	680,987	761,555
Pa. ....	310,741	413,513	31,000	35,164	52,647	99,645	346,082	378,010	269,535	312,513
R.I. ....	4,106	0	.....	.....	322	1,513	936	874	399	463
S.C. ....	430,980	472,741	18,400	21,393	59,091	76,467	47,514	41,637	53,529	56,178
S. Dak. ....	452,739	530,273	107,500	125,847	237,330	338,235	47,882	47,504	309,354	344,484
Tenn. ....	425,688	486,062	60,100	69,726	107,035	185,446	365,505	376,726	415,684	473,747
Tex. ....	1,405,614	1,582,648	889,100	963,322	191,709	269,016	493,157	501,606	1,535,585	1,568,933
Utah ....	118,907	150,459	22,300	23,422	38,909	46,094	28,527	24,790	98,082	115,010
Vt. ....	55,438	71,160	100	120	30,621	41,215	27,534	25,519	45,887	53,204
Va. ....	382,937	471,585	37,800	39,828	46,141	76,975	143,484	150,333	241,079	240,395
Wash. ....	453,753	521,336	375,500	406,387	81,268	135,731	45,970	50,040	611,243	683,564
W. Va. ....	35,440	45,516	7,300	12,456	24,867	37,093	85,823	76,138	35,522	38,625
Wis. ....	580,509	781,752	97,100	128,628	163,945	260,440	546,818	535,823	840,757	931,879
Wyo. ....	148,202	171,470	119,700	140,968	44,946	57,514	13,502	13,981	167,827	196,793
U.S. ....	24,619,174	29,641,784	10,478,200	12,165,379	4,121,038	6,556,271	8,556,539	8,623,281	23,057,715	25,136,527

<sup>1</sup> Includes mortgages in process of foreclosure.<sup>2</sup> Includes U.S. legal reserve companies only. Includes regular mortgages and purchase-money mortgages.<sup>3</sup> Revised.<sup>4</sup> Preliminary.<sup>5</sup> Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.<sup>6</sup> Estimated by ESCS, USDA.<sup>7</sup> Includes District of Columbia.

Economics, Statistics, and Cooperatives Service—Economics.

Table 674.—All operating banks: Amount of agricultural loans outstanding, by type, and by States, specified dates, 1978-80<sup>1</sup>

State and Territory	Farm real estate loans					Nonreal estate farm loans				
	1978		1979		1980 <sup>2</sup>	1978		1979		1980 <sup>2</sup>
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala .....	191,634	201,355	225,814	214,707	206,863	276,059	280,263	309,485	292,808	257,357
Alaska .....	849	1,006	941	1,419	1,454	34	67	53	37	330
Ariz .....	13,160	11,206	11,389	10,658	11,634	294,814	282,387	363,835	360,977	412,069
Ark .....	284,674	293,825	297,302	308,888	298,732	372,565	433,973	404,961	400,576	363,017
Calif .....	245,616	289,882	322,271	360,758	398,232	2,019,538	2,191,886	2,292,307	2,542,095	2,654,543
Colo .....	39,748	36,452	47,004	37,433	35,249	689,976	716,372	728,139	740,236	741,636
Conn .....	3,602	4,689	2,861	9,752	8,099	16,898	9,683	16,115	10,628	18,538
Del .....	20,204	21,667	20,204	18,436	21,416	12,623	12,642	11,542	20,570	19,686
Fla .....	148,107	151,382	156,286	157,511	144,143	168,023	154,559	173,609	165,725	169,704
Ga .....	333,293	339,130	348,232	371,519	360,584	302,892	309,621	312,084	356,084	331,334
Hawaii .....	6,439	6,931	7,068	8,042	8,702	15,368	14,407	16,396	13,938	11,760
Idaho .....	14,439	12,580	13,804	13,672	11,974	384,207	403,222	358,114	387,991	365,244
Ill .....	520,659	553,603	609,419	600,905	579,892	1,816,611	1,904,539	2,092,290	2,076,310	2,184,440
Ind .....	509,934	536,695	559,458	569,846	559,990	759,506	812,118	872,144	918,080	940,939
Iowa .....	330,094	343,081	356,321	352,988	357,635	2,784,269	2,687,128	3,029,843	3,192,016	3,529,109
Kans .....	292,975	211,238	217,362	220,506	213,679	1,661,805	1,707,257	1,799,772	1,818,306	1,990,857
Ky .....	404,311	433,648	433,650	442,060	433,030	396,642	419,184	426,567	448,025	448,734
La .....	157,652	182,017	192,106	194,825	197,476	232,358	280,153	261,002	271,011	235,948
Maine .....	9,039	8,779	8,847	9,367	7,590	18,674	13,215	15,337	10,247	17,207
Md. <sup>3</sup> .....	70,203	77,910	77,349	76,574	74,854	59,514	60,562	58,714	53,908	56,271
Mass .....	13,712	13,363	13,324	12,065	12,807	10,386	23,590	54,784	45,453	72,947
Mich .....	197,826	212,078	218,517	215,599	208,986	377,522	407,804	395,203	418,431	409,318
Minn .....	254,405	263,843	281,891	286,245	283,660	1,337,507	1,488,447	1,575,441	1,764,626	1,909,439
Miss .....	225,065	222,052	217,885	232,302	234,498	284,848	291,066	270,477	308,221	289,660
Mo .....	460,531	501,618	522,110	538,672	536,660	996,548	1,053,152	1,104,810	1,198,010	1,266,235
Mont .....	27,725	28,622	29,071	29,382	29,717	463,659	490,326	476,602	535,254	509,958
Nebr .....	96,392	98,669	96,387	96,539	93,437	1,882,940	1,893,708	1,999,298	2,088,659	2,334,573
Nev .....	2,274	1,430	1,650	1,384	1,235	23,771	19,532	20,167	22,566	19,589
N.H .....	8,253	8,273	7,799	8,557	8,046	2,813	3,194	3,158	3,475	2,719
N.J .....	16,299	17,769	15,762	15,129	14,798	11,014	14,000	11,380	12,974	10,212
N. Mex .....	24,066	26,833	27,899	28,427	28,705	170,032	183,682	180,605	179,825	178,934
N.Y .....	126,471	131,811	130,615	129,510	127,795	357,945	352,233	395,629	429,234	516,793
N.C .....	104,697	106,540	103,926	103,335	97,160	253,211	332,817	238,089	328,095	251,044
N. Dak .....	67,730	85,943	89,951	92,393	93,151	576,374	617,533	647,346	750,449	790,060
Ohio .....	432,006	453,062	448,863	458,045	456,931	409,638	439,024	453,579	482,256	481,570
Okla .....	213,283	226,145	234,076	234,875	226,875	977,615	983,137	1,060,916	1,026,139	1,079,320
Oreg .....	16,791	15,782	16,391	15,053	14,611	241,959	279,191	261,077	294,133	278,844
Pa .....	305,374	322,816	346,082	362,214	378,010	275,567	285,883	319,474	307,791	329,628
R.I .....	907	837	936	887	874	313	340	160	619	648
S.C .....	46,652	50,198	47,514	46,486	41,637	73,268	86,910	72,262	98,174	75,154
S. Dak .....	44,210	47,015	47,882	48,753	47,504	792,695	827,262	895,414	992,404	1,090,156
Tenn .....	334,649	354,024	365,505	381,534	376,726	295,808	312,527	309,237	331,949	315,142
Tex .....	443,547	491,976	493,157	507,885	501,606	1,923,992	2,091,850	2,205,760	2,135,506	2,155,181
Utah .....	19,102	23,332	28,527	29,784	24,790	107,544	104,834	106,036	104,108	91,805
Vt .....	26,478	26,581	27,534	25,199	25,519	20,252	20,948	21,375	20,987	20,964
Va .....	137,464	138,204	143,484	147,555	150,333	169,494	188,251	176,142	203,362	182,311
Waah .....	39,527	41,065	45,970	51,629	50,040	476,838	556,736	512,329	605,421	582,621
W. Va .....	75,194	79,502	85,823	77,420	76,138	33,396	34,748	32,237	34,645	32,867
Wis .....	497,457	527,478	546,818	538,332	535,823	660,121	713,215	726,753	769,178	796,856
Wyo .....	15,542	15,343	13,502	13,541	13,981	219,290	230,370	205,322	230,080	211,020
U.S .....	7,780,261	8,254,511	8,556,539	8,708,597	8,623,281	25,708,826	27,019,548	28,272,831	29,806,372	31,034,291
P.R. ....	1,489	1,640	2,072	13,332	10,165	9,658	45,265	40,412	36,254	50,663
Other pos- sessions <sup>4</sup> ..	0	0	0	.....	27	41	0	11	9	12
Total .....	7,781,750	8,256,151	8,558,611	8,721,929	8,633,473	25,718,525	27,064,813	28,313,254	29,842,635	31,084,966

<sup>1</sup>Includes loans of national and commercial, mutual savings, stock savings, and private banks. Loans are classified according to location of bank and, therefore, are not strictly comparable with data for other lenders which are classified according to location of borrower.

<sup>2</sup>Preliminary.

<sup>3</sup>Includes District of Columbia.

<sup>4</sup>Mariana Islands, Samoa (American), and Virgin Islands.

Economics, Statistics, and Cooperatives Service—Economics. Data from Federal Deposit Insurance Corporation.



Table 675.—Nonreal estate farm loans: Amount outstanding Jan. 1 and loans made during the year, by specified lender, United States and Territories, 1965-80<sup>1</sup>

Year	Banks and associations supervised by Farm Credit Administration			Farmers Home Administration		Rural Electrification Administration <sup>8</sup>				Commodity Credit Corporation <sup>13</sup>		
	All operating banks <sup>2</sup>	Federal intermediate credit banks: Loans to, and dis- counts for other financing institu- tions <sup>3</sup>	Banks for coopera- tives <sup>5</sup>	To individuals		Loans to cooperatives		Loans to others		Loans to farmers held by CCC	Loans to coopera- tives held by CCC	
				Operating loans <sup>6</sup>	Emergency loans <sup>6</sup>	Economic oppor- tunity loans <sup>7</sup>	Electric <sup>9</sup>	Telephone <sup>10</sup>	Electric <sup>11</sup>			Telephones <sup>(10)(12)</sup>
Outstanding Jan. 1												
965	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
966	7,005,632	2,296,248	131,751	589,902	57,809	.....	2,890,173	282,770	238,729	544,796	1,026,445	
967	7,689,718	2,598,460	146,091	630,691	65,774	.....	3,044,451	306,770	260,005	581,044	1,204,538	
968	8,547,882	3,042,333	162,473	627,954	71,882	46,022	3,197,667	329,869	257,233	619,126	1,224,053	
969	9,283,160	3,550,971	181,781	682,690	77,488	66,589	3,376,250	361,215	254,864	663,959	1,258,157	
970	9,734,256	3,861,179	183,100	669,407	90,794	70,184	3,593,118	394,786	275,575	703,216	1,290,115	
971	10,339,795	4,533,205	224,425	660,368	70,551	61,987	3,785,256	424,685	270,814	752,815	1,007,873	
972	11,115,109	5,384,496	222,093	677,175	71,947	52,647	4,047,624	471,467	287,952	812,552	1,037,381	
973	12,524,539	6,115,524	238,931	658,468	76,005	41,991	4,312,091	511,969	265,434	877,430	1,170,585	
974	14,331,614	7,852,396	252,681	680,181	73,295	31,513	4,627,046	550,878	259,991	939,893	1,018,881	
975	17,173,839	9,560,649	333,207	777,752	81,964	22,968	5,052,742	607,661	269,290	1,018,584	1,793,308	
976	18,249,061	9,560,649	403,402	922,067	108,985	17,211	5,611,154	693,487	265,973	1,143,756	750,495	
977	20,165,967	10,825,963	372,260	1,026,091	152,209	12,559	6,162,049	779,610	276,709	1,279,155	319,512	
978	23,292,124	12,297,052	385,185	1,033,648	842,215	8,281	6,595,822	869,400	284,866	1,383,584	387,763	
979	25,718,525	13,584,981	395,097	1,077,517	2,066,970	5,708	7,066,709	953,977	313,322	1,478,153	1,011,819	
980	28,313,254	15,112,202	534,139	1,487,524	4,299,570	3,943	7,594,823	1,033,242	339,555	1,623,664	4,489,077	
981	31,084,966	18,418,110	702,229	1,599,927	6,104,375	2,831	8,271,293	1,113,928	382,635	1,814,630	5,242,647	
982	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,611,743	
983	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,416,644	
984	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,242,647	
985	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,611,743	
986	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,416,644	
987	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,242,647	
988	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,611,743	
989	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,416,644	
990	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,242,647	



Made during year

[illegible]

<sup>1</sup> Real estate mortgages or deeds of trust are taken as supplemental security for some of these loans.

<sup>2</sup> Excludes loans to individuals guaranteed by the Commodity Credit Corporation and certificates of interest in pool of notes.

<sup>3</sup> Loans "made" include renewals,

<sup>4</sup> Loans outstanding include aquatic loans, loans guaranteed by CCC, and loans held by associations in liquidation. Beginning 1972, exclude rural home loans and farm-related business loans.

Excludes loans secured by CCC documents.

<sup>8</sup> Loans outstanding are the unpaid balances of loans made directly by FmHA. Loans made include loans made directly by FmHA and loans guaranteed by that agency.

<sup>7</sup>Economic opportunity loans are made to farm and nonfarm rural residents. Through June 30, 1971, more than one half of the economic opportunity loans were made to farmers. Loan program was terminated in 1971.

<sup>8</sup> Loans "outstanding" are cumulative net advances minus principal repayments; loans "made" are net advances to borrowers.

<sup>9</sup> Approximately 2/3 of the individuals served by these cooperatives are farmers.

<sup>10</sup> Beginning calendar year 1972, includes Rural Telephone Bank loans.

11 Principally loans to public bodies and to power companies.

<sup>12</sup> Loans to commercial telephone companies.

<sup>13</sup>Includes direct loans made and held by CCC. Excludes pooled loans against which certificates of interest were issued and also loans guaranteed by CCC held by other lending agencies.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 676.—Farm real estate debt: Average interest rates on loans outstanding, by farming regions,<sup>1</sup> Jan. 1, 1965–80<sup>2</sup>**

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1965 .....	5.3	5.0	5.2	5.2	5.6	5.8	5.8	5.4	5.3	5.4	5.4
1966 .....	5.3	5.0	5.3	5.2	5.6	5.8	5.8	5.4	5.4	5.5	5.4
1967 .....	5.4	5.1	5.3	5.3	5.6	5.9	5.8	5.5	5.5	5.5	5.4
1968 .....	5.5	5.1	5.5	5.4	5.7	6.0	6.0	5.7	5.6	5.6	5.6
1969 .....	5.5	5.2	5.6	5.5	5.8	6.1	6.1	5.8	5.6	5.7	5.7
1970 .....	5.7	5.4	5.8	5.7	6.0	6.3	6.3	6.0	5.8	5.8	5.8
1971 .....	5.9	5.5	5.9	5.9	6.2	6.5	6.5	6.2	6.0	5.9	6.0
1972 .....	6.4	6.1	5.9	5.8	6.4	6.5	6.2	5.8	5.9	6.1	6.1
1973 .....	6.6	6.1	6.1	5.9	6.5	6.7	6.3	6.0	6.1	6.2	6.2
1974 .....	6.9	6.4	6.4	6.2	6.9	7.1	6.6	6.5	6.3	6.4	6.5
1975 .....	7.1	6.8	6.7	6.6	7.3	7.5	7.0	6.8	6.7	6.7	6.9
1976 .....	7.3	6.8	7.1	6.7	7.6	7.9	7.2	6.8	6.9	6.9	7.1
1977 .....	7.3	7.1	7.2	7.1	7.5	7.7	7.3	7.1	7.1	7.2	7.2
1978 .....	7.3	7.2	7.3	7.2	7.4	7.7	7.5	6.9	7.2	7.4	7.3
1979 .....	7.6	7.4	7.8	7.6	8.0	8.0	7.9	7.6	7.7	7.8	7.7
1980 <sup>3</sup> .....	8.2	8.6	8.5	8.3	8.6	8.8	8.4	8.1	8.3	8.4	8.4

<sup>1</sup>For States included in regions, see footnote 1, table 670.<sup>2</sup>Contract rates. Excludes Alaska and Hawaii.<sup>3</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 677.—Farm real estate debt: Interest charges payable on debt outstanding, by farming regions,<sup>1</sup> 1965–79<sup>2</sup>**

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	54,321	104,055	236,168	104,403	75,645	69,710
1966 .....	60,000	115,048	261,121	117,043	84,358	77,619
1967 .....	65,896	124,382	292,006	133,227	97,509	87,150
1968 .....	70,598	134,298	331,720	155,034	102,867	97,442
1969 .....	77,615	143,364	367,845	175,039	114,410	108,692
1970 .....	85,927	157,595	393,629	189,439	125,676	120,188
1971 .....	94,863	170,683	422,508	203,442	133,141	132,681
1972 .....	113,063	202,849	454,757	217,899	151,297	145,593
1973 .....	135,958	235,930	527,437	253,343	179,583	181,039
1974 .....	167,337	283,294	617,131	292,038	220,519	231,113
1975 .....	161,165	322,692	719,937	327,925	266,815	280,002
1976 .....	173,699	362,192	847,501	332,137	305,241	305,077
1977 .....	216,426	420,765	999,130	449,256	336,602	326,839
1978 .....	235,191	500,526	1,213,685	524,275	390,170	376,802
1979 <sup>3</sup> .....	282,040	638,189	1,488,655	642,937	477,617	456,464

  

Year	Delta States	Southern Plains	Mountain	Pacific	United States <sup>4</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	66,186	113,963	107,730	142,273	1,075,320
1966 .....	74,887	126,636	120,995	159,237	1,197,928
1967 .....	84,628	140,751	133,475	170,042	1,324,650
1968 .....	95,946	158,206	147,065	177,676	1,472,048
1969 .....	109,289	175,609	161,115	190,655	1,624,827
1970 .....	119,192	189,547	173,905	207,014	1,763,471
1971 .....	126,688	203,362	187,612	223,737	1,905,431
1972 .....	129,427	206,585	203,442	249,416	2,077,979
1973 .....	149,471	251,710	236,166	290,827	2,445,281
1974 .....	175,694	308,802	274,522	349,640	2,924,680
1975 .....	202,394	353,428	317,188	404,468	3,360,983
1976 .....	227,727	387,251	362,211	461,505	3,819,642
1977 .....	257,263	410,205	407,339	535,158	4,364,685
1978 .....	296,575	453,948	466,217	656,213	5,120,250
1979 <sup>3</sup> .....	356,044	525,530	563,979	820,733	6,260,285

<sup>1</sup>For States included in regions, see footnote 1, table 670.<sup>2</sup>Estimated as payable during calendar year.<sup>3</sup>Preliminary.<sup>4</sup>Includes Alaska and Hawaii beginning 1965.

Economics, Statistics, and Cooperatives Service—Economics.

Table 678.—Interest rates: Selected series, United States, 1965-79

Year	Federal land banks		Production credit associations, average cost of loans <sup>3</sup>	Federal intermediate credit banks		Banks for cooperatives		Prime commercial paper (4-6 months) <sup>6</sup>	Federal Reserve Bank discount rates, New York <sup>7</sup>
	Average rate on new loans <sup>1</sup>	Bond rates <sup>2</sup>		Discount rates <sup>4</sup>	Bond rates <sup>2</sup>	Rates on loans <sup>5</sup>	Bond rates <sup>2</sup>		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1965	5.60	4.31	6.58	4.87	4.46	4.25-5.75	4.49	4.38	4.00-4.50
1966	5.82	4.84	6.87	5.53	5.84	4.75-6.00	6.12	5.55	4.50
1967	6.02	5.02	7.29	5.98	5.16	5.25-6.00	5.60	5.10	4.00-4.50
1968	6.84	5.41	7.34	6.41	6.11	5.75-6.50	6.03	5.90	4.50-5.50
1969	7.82	6.21	7.79	7.23	7.85	6.25-8.50	8.23	7.83	5.50-6.00
1970	8.68	6.97	8.98	8.46	7.41	7.00-9.00	6.99	7.72	5.50-6.00
1971	7.86	6.45	7.28	6.33	5.53	5.25-7.50	5.57	5.11	4.50-5.50
1972	7.42	6.38	7.02	6.00	5.57	4.75-7.25	5.34	4.69	4.50
1973	7.48	6.59	8.09	7.31	7.85	5.50-9.50	8.75	8.15	5.00-7.50
1974	8.14	7.36	9.43	8.78	8.65	8.50-10.50	9.01	9.87	7.75-8.00
1975	8.69	7.60	8.91	8.14	6.88	7.25-10.50	7.03	6.33	6.00-7.75
1976	8.66	7.51	8.24	7.36	6.40	7.25-8.75	6.14	5.35	5.25-6.00
1977	8.39	7.37	7.88	6.94	6.53	6.50-8.00	6.76	5.60	5.25-6.00
1978	8.35	7.68	8.83	8.06	8.15	7.75-9.75	8.66	7.99	6.50-9.50
1979	9.20	8.19	10.71	10.18	9.60	10.00-12.75	9.68	10.91	9.50-12.00

<sup>1</sup> Contract rates on loans through Federal land bank associations. In computing the average rates, each Farm Credit district is given equal weight; within districts, rates are weighted by the number of days in force.

<sup>2</sup> Weighted average net cost to banks of bonds outstanding at end of year.

<sup>3</sup> Rate represents interest (less patronage refunds), service fees, cost of record searches, and filing and releasing mortgages, etc., paid by borrowers as percentage of average loans outstanding during year.

<sup>4</sup> Annual interest income on loans, discounts, and notes receivable as a percentage of average balance of such items outstanding during the year.

<sup>5</sup> Excludes rates on loans secured by CCC documents.

<sup>6</sup> Board of Governors of the Federal Reserve System. Annual averages of prevailing open-market rates in New York City.

<sup>7</sup> Board of Governors of the Federal Reserve System. Annual ranges in discount rates on advances secured by Government obligations maturing or callable beyond 1 year and discounts of and advances secured by eligible paper.

Economics, Statistics, and Cooperatives Service—Economics and Farm Credit Administration.

Table 679.—Nonreal estate farm debt: Amount outstanding, by lender, United States, Jan. 1, 1965-80

Year	Debt owed to reporting institutions (excluding CCC)					Debts owed to individuals and others	Total excluding CCC loans	Price-support and storage loans made or guaranteed by CCC <sup>2</sup>	Total including CCC loans
	All operating banks	Production credit association	Federal intermediate credit banks <sup>1</sup>	Farmers Home Administration	Total				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1965	6,990	2,278	125	644	10,036	6,330	16,366	1,543	17,909
1966	7,676	2,579	140	717	11,112	6,950	18,062	1,408	19,470
1967	8,584	3,016	157	738	12,444	7,350	19,794	1,157	20,951
1968	9,272	3,518	176	798	13,764	7,070	20,834	1,420	22,254
1969	9,720	3,826	180	822	14,547	5,840	20,387	2,671	23,058
1970	10,330	4,495	218	785	15,828	5,340	21,168	2,676	23,844
1971	11,102	5,295	220	795	17,412	4,850	22,262	1,876	24,138
1972	12,498	6,078	237	771	19,584	5,060	24,644	2,262	26,906
1973	14,315	6,607	251	781	21,954	5,840	27,794	1,793	29,587
1974	17,167	7,829	331	877	26,204	5,930	32,134	750	32,884
1975	18,238	9,519	374	1,044	29,176	6,050	35,226	319	35,545
1976	20,160	10,773	350	1,772	33,056	6,350	39,406	358	39,764
1977	23,283	12,233	368	1,877	37,761	7,300	45,061	1,012	46,073
1978	25,709	13,508	374	3,141	42,732	8,410	51,142	4,489	55,631
1979	28,273	15,016	509	5,780	49,578	10,420	59,998	5,242	65,240
1980 <sup>3</sup>	31,034	18,299	665	8,983	58,981	11,720	70,701	4,501	75,202

<sup>1</sup> Loans to and discounts for livestock loan companies and agricultural credit corporations.

<sup>2</sup> Although price-support loans of the Commodity Credit Corporation (CCC) are nonrecourse loans, they are treated as debts. Borrowers must either pay them or deliver the commodities on which they are based.

<sup>3</sup> Preliminary.

Economics, Statistics, and Cooperatives Service—Economics.

Table 680.—Farm Credit System: Loans and discounts made, United States, 1965-79<sup>1</sup>

Year	Federal land banks	Production credit		Banks for cooperatives	Total
		Production credit associations <sup>2</sup>	Federal intermediate credit banks to other financing institutions		
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	1,235,154	4,135,519	295,518	1,316,229	6,982,420
1966 .....	1,337,250	4,813,178	351,080	1,664,844	8,166,352
1967 .....	1,267,586	5,427,751	386,584	1,743,449	8,825,370
1968 .....	1,101,322	6,052,907	409,768	1,802,226	9,366,223
1969 .....	1,165,895	7,077,351	504,533	1,942,213	10,689,992
1970 .....	1,016,820	8,276,660	621,430	2,476,077	12,390,987
1971 .....	1,555,008	9,421,290	640,654	2,730,148	14,347,100
1972 .....	2,251,035	10,438,649	692,747	3,360,753	16,743,184
1973 .....	3,284,680	13,038,446	856,691	6,388,950	23,568,767
1974 .....	4,243,479	14,398,388	879,070	8,372,547	27,893,484
1975 .....	4,411,268	16,062,551	766,416	8,907,911	30,148,146
1976 .....	4,700,861	18,327,314	830,269	10,820,401	34,678,845
1977 .....	5,730,118	20,147,831	849,423	12,276,751	39,004,123
1978 .....	6,355,338	23,378,215	1,194,118	14,003,509	45,052,852
1979 .....	9,118,596	29,368,264	1,646,554	18,950,634	59,084,048

<sup>1</sup>Includes Puerto Rico.<sup>2</sup>Includes renewals.

Farm Credit Administration.

Table 681.—Farm Credit System: Loans and discounts outstanding, United States, Jan. 1, 1965-80<sup>1</sup>

Year	Federal land banks	Production credit		Banks for cooperatives	Net total
		Production credit associations	Other financing institutions		
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	3,718,170	2,296,248	131,751	967,826	7,103,995
1966 .....	4,280,675	2,598,460	146,091	1,055,163	8,080,389
1967 .....	4,957,836	3,042,333	162,473	1,289,819	9,452,461
1968 .....	5,609,265	3,550,971	181,781	1,506,383	10,848,400
1969 .....	6,126,369	3,861,179	183,100	1,576,960	11,747,608
1970 .....	6,714,172	4,533,205	224,425	1,731,971	13,203,773
1971 .....	7,187,140	5,334,495	222,099	2,029,864	14,773,598
1972 .....	7,918,185	6,115,524	238,931	2,013,491	16,286,131
1973 .....	9,104,930	6,636,076	252,681	2,297,805	18,291,492
1974 .....	11,073,276	7,859,554	333,207	2,576,748	21,842,785
1975 .....	13,863,752	9,560,649	403,402	3,575,433	27,403,286
1976 .....	16,563,886	10,825,963	372,860	3,978,861	31,741,570
1977 .....	19,126,749	12,297,052	385,185	5,061,669	36,870,655
1978 .....	22,137,172	13,584,981	395,497	5,731,719	41,849,369
1979 .....	25,626,461	15,112,199	534,139	6,217,026	47,466,539
1980 .....	31,283,738	18,418,112	701,061	8,132,957	58,535,868

<sup>1</sup>Includes Puerto Rico.

Farm Credit Administration.



**Table 682.—Federal land banks: Number and amount of land bank loans made through Federal land bank associations in 1979 and outstanding Jan. 1, 1980, and number of associations, Jan. 1, 1980, by States**

State and Territory	Federal land bank associations, Jan. 1, 1980	Federal land bank loans			
		Loans made during 1979		Loans outstanding Jan. 1, 1980	
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>
Ala .....	12	2,672	169,654	13,435	532,598
Alaska <sup>1</sup> .....	0	32	2,500	199	9,307
Ariz .....	1	86	23,174	667	84,625
Ark .....	11	1,474	163,318	9,354	526,027
Calif .....	26	2,894	696,102	17,230	1,960,742
Colo .....	12	2,373	247,501	10,859	840,807
Conn. <sup>1</sup> .....	1	199	21,323	2,268	122,166
Del .....	1	196	21,186	883	60,483
Fla .....	7	1,628	236,641	8,622	882,208
Ga .....	15	3,750	273,865	23,693	1,122,570
Hawaii .....	1	59	29,180	292	69,864
Idaho .....	11	1,107	94,985	11,215	615,651
Ill .....	17	4,187	649,583	23,456	983,599
Ind .....	24	3,105	349,527	20,392	1,185,685
Iowa .....	21	5,176	557,825	31,050	1,926,693
Kans .....	16	3,953	365,435	24,765	1,301,186
Ky .....	10	1,973	193,675	10,734	644,042
La .....	9	1,623	201,277	8,740	585,433
Maine .....	2	87	8,505	713	36,287
Md .....	5	775	78,380	3,636	258,631
Mass. <sup>1</sup> .....	0	.....	.....	.....	.....
Mich .....	11	4,029	298,046	18,257	833,352
Minn .....	20	4,942	505,236	26,218	1,392,072
Miss .....	12	1,504	161,578	10,198	524,594
Mo .....	13	3,150	257,425	18,715	894,493
Mont .....	10	924	107,451	8,251	599,421
Nebr .....	10	1,594	115,325	18,625	1,089,331
Nev .....	1	65	10,697	543	61,891
N.H. <sup>1</sup> .....	0	.....	.....	.....	.....
N.J .....	3	296	28,681	1,668	125,685
N. Mex .....	4	348	60,028	2,343	221,211
N.Y .....	12	1,230	77,413	10,293	426,887
N.C .....	15	6,575	342,485	31,876	1,114,101
N. Dak .....	9	2,160	245,308	11,375	718,640
Ohio .....	19	2,319	279,756	14,386	955,717
Okla .....	12	3,481	252,775	16,120	861,044
Oreg .....	10	1,121	117,816	7,187	485,938
Pa .....	9	2,011	165,739	8,136	458,186
R.I. <sup>1</sup> .....	0	.....	.....	.....	.....
S.C .....	9	2,764	122,011	14,848	562,658
S. Dak .....	7	2,238	284,304	12,888	516,744
Tenn .....	12	2,236	150,451	14,000	563,842
Tex .....	64	3,960	337,773	36,158	1,644,711
Utah .....	3	593	56,744	2,678	155,814
Vt. <sup>1</sup> .....	2	205	17,768	1,674	77,878
Va .....	8	2,861	172,015	10,969	542,599
Wash. <sup>1</sup> .....	9	1,246	121,400	9,050	553,709
W. Va .....	2	547	19,882	1,897	57,625
Wis .....	15	3,461	355,946	12,751	801,694
Wyo .....	1	435	45,683	2,481	187,866
U.S .....	504	93,644	9,098,322	545,793	30,186,312
P.R .....	1	404	20,273	2,962	97,424
Total .....	505	94,048	9,118,595	548,755	31,283,736

<sup>1</sup>New Hampshire is served by associations in Vermont and Connecticut; Massachusetts and Rhode Island by the association in Connecticut; and Alaska by the association in Washington.

Farm Credit Administration.

**Table 683.—Production credit associations: Number of associations, and number of members having outstanding loans, Jan. 1, 1980, loans made during 1979, and loans outstanding on specified dates, 1979 and 1980, by States**

State and Territory	Production credit associations Jan. 1, 1980	Members having outstanding loans Jan. 1, 1980	Loans made during 1979 <sup>1</sup>	Loans outstanding		
				1979		1980
				Jan. 1	July 1	Jan. 1
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala .....	8	5,204	336,556	179,745	228,244	254,384
Ariz .....	2	733	362,302	137,832	134,215	130,586
Ark .....	14	7,970	674,203	346,212	367,152	387,468
Calif .....	22	11,731	2,681,431	1,266,369	1,355,886	1,451,859
Colo .....	8	3,313	1,076,349	329,938	396,480	459,601
Conn. <sup>2</sup> .....	1	989	33,426	38,376	36,054	42,277
Del .....	1	834	33,707	27,834	29,083	35,000
Fla .....	9	5,120	361,229	378,112	370,691	425,111
Ga .....	21	10,776	636,033	508,111	608,079	582,293
Hawaii .....	1	222	25,602	15,460	17,373	20,176
Idaho .....	5	3,907	636,555	272,132	312,661	333,201
Ill .....	17	10,579	1,014,541	540,582	569,172	652,202
Ind .....	10	18,721	1,283,397	746,655	798,904	838,319
Iowa .....	16	10,199	2,129,362	775,710	899,031	1,064,555
Kans .....	14	4,074	1,132,227	343,609	388,476	481,355
Ky .....	9	26,276	885,595	704,273	714,010	704,486
La .....	7	4,516	376,507	207,525	270,571	261,654
Maine .....	2	927	34,844	33,343	28,728	44,254
Md .....	5	2,815	79,045	79,176	86,805	91,096
Mass. <sup>2</sup> .....	.....	942	18,968	29,009	30,245	30,622
Mich .....	8	8,742	478,328	268,564	316,411	338,656
Minn .....	16	12,783	1,435,240	624,226	744,018	871,266
Miss .....	10	4,081	415,985	193,209	247,401	247,983
Mo .....	12	12,247	729,570	310,358	375,311	412,268
Mont .....	11	4,130	554,540	262,007	316,481	321,110
Nebr .....	14	7,438	1,305,089	457,214	529,560	616,456
Nev .....	1	308	76,938	37,832	42,693	43,527
N.H. <sup>2</sup> .....	.....	297	6,936	9,178	9,388	11,524
N.J. ....	3	1,140	31,211	41,927	50,237	45,267
N. Mex .....	4	952	216,505	91,898	101,991	99,936
N.Y. ....	12	9,653	200,468	284,991	282,929	301,383
N.C. ....	17	25,774	539,194	593,614	713,615	682,749
N. Dak .....	5	9,101	818,870	347,656	440,479	530,889
Ohio .....	11	29,129	1,098,894	767,856	839,140	871,724
Okla .....	14	5,021	767,721	310,872	301,540	358,972
Oreg .....	8	4,412	595,820	259,939	319,478	352,967
Pa .....	9	8,866	242,567	208,791	223,524	249,249
R.I. <sup>2</sup> .....	.....	203	3,925	6,468	7,230	6,764
S.C. ....	11	8,517	274,721	238,517	302,562	292,049
S. Dak .....	9	4,294	633,447	239,426	276,155	323,239
Tenn .....	9	30,761	824,405	640,837	694,955	695,775
Tex .....	30	12,845	2,004,134	757,119	806,306	888,860
Utah .....	2	1,423	276,722	102,345	114,926	140,964
Vt. <sup>2</sup> .....	2	1,197	21,589	34,843	33,715	38,138
Va .....	8	6,488	131,371	117,983	137,857	139,275
Wash .....	6	3,069	406,555	149,150	186,193	228,514
W. Va .....	2	1,464	14,628	16,566	16,588	17,460
Wis .....	17	19,045	1,240,161	681,410	773,263	875,697
Wyo .....	1	649	193,193	72,013	107,600	100,840
U.S. ....	424	363,877	29,350,606	15,086,812	16,953,406	18,394,000
P.R. ....	1	798	17,553	25,390	24,459	24,112
Total .....	425	364,675	29,368,159	15,112,202	16,977,865	18,418,112

<sup>1</sup>Includes renewals.

<sup>2</sup>Massachusetts and Rhode Island are served by the Production Credit Association in Connecticut; New Hampshire is served by association in Connecticut and Vermont.

Farm Credit Administration.

**Table 684.—Farmers Home Administration: Loans made to organizations and associations for community projects, and loans outstanding, United States and Territories, 1965–80<sup>1</sup>**

Year	Association loans			Water and waste loans			Recreation loans			Watershed and flood prevention organization loans		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965	574	95,374	80,279	663	158,052	636,252	104	12,915	91,232	22	3,325	12,337
1966	1,181	190,346	163,390	690	296,303	764,581	29	4,276	97,240	38	6,319	16,557
1967	1,276	234,911	289,142	688	319,345	868,968	18	1,149	97,240	27	7,261	20,108
1968	836	161,112	466,334	679	572,160	1,197,399	(*)	142	98,641	23	4,979	25,639
1969	(3)	(3)	647,369	688	430,439	1,010,804	1	484	103,514	18	2,851	29,280
1970				679	572,160	1,197,399	(*)	142	98,641	24	4,586	33,772
1971				648	456,125	1,453,806	(*)	46	100,640	20	8,678	36,658
1972				631	472,932	1,900,706	(*)	(5)	98,954	23	13,940	40,671
1973				1,076	693,046	2,143,117			91,140	12	8,917	44,224
1974				789	824,234	2,584,580			87,753	26	18,643	50,029
1975				846	876,650	2,908,602			84,649	13	19,800	54,972
1976						3,620,983			82,069	12	6,877	58,748
1977										8	5,166	60,916
1978										11	11,692	67,704
1979										3	4,818	67,550
1980												69,891

  

Year	Resource conservation and development and rural renewal loans			Business and industrial development loans			Community facility loans			Economic opportunity loans to cooperatives		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965	7	920	670							259	3,437	
1966	6	1,237	1,387							320	3,525	2,578
1967	22	2,296	2,031							442	4,592	6,269
1968	47	3,972	4,413							234	5,587	9,803
1969	31	3,087	7,724							56	2,469	13,077
1970	20	1,778	9,246							7	467	15,658
1971	20	1,615	10,790							13	1,033	15,480
1972	15	1,303	11,991							(7)	(7)	15,426
1973	22	3,409	12,531	4	1,169		2	212				14,422
1974	15	1,178	12,855	484	246,012		165	67,779				13,311
1975	14	1,741	13,842	622	408,435	757	399	276,632	8,863			12,445
1976	17	2,388	14,457	412	391,703	8,661	281	192,895	85,786			11,392
1977	8	1,006	11,764	504	377,619	11,201	232	188,397	208,381			8,566
1978	4	1,137	12,147	1,168	1,150,006	20,511	352	245,373	324,373			6,896
1979	9	1,878	12,942	1,275	1,104,011	22,256	521	274,689	463,623			6,128
1980			13,392			33,404			700,841			4,592

<sup>1</sup>Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

<sup>2</sup>Included in "Association loans" through 1968; data unavailable for reporting association loan types for the calendar year.

<sup>3</sup>Beginning in calendar year 1969, association loan funds were reported by project type.

<sup>4</sup>Recreation association loans are made only to subsequent borrowers who received an initial loan in a prior year.

<sup>5</sup>Funding for this program is no longer available.

<sup>6</sup>Latest data available as of September 30, 1978.

<sup>7</sup>Discontinued

Farmers Home Administration.





Year	Loans to associations						Economic opportunity individual loans			Economic emergency loans			Emergency livestock loans		
	Indian tribe land acquisition			Grazing association			Irrigation, drainage, and soil conservation			New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1						
1965	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1966	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1967	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1968	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1969	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1970	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1971	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1972	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1973	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1974	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1975	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1976	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1977	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1978	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1979	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1980	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup>Discontinued.  
<sup>2</sup>Latest data available as of September 30, 1978.

Farmers Home Administration.

<sup>1</sup>Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.  
<sup>2</sup>Included in "Association loans" through 1968 (see table 685). Data unavailable for reporting association project types for the calendar year.

**Table 686.—Farmers Home Administration: Loans made to individuals and organizations for housing purposes, and loans outstanding, United States and Territories, 1965–80<sup>1</sup>**

Year	Rural housing loans			Farm labor housing loans		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965	18,457	150,667	610,273	14	821	1,141
1966	39,383	338,011	701,092	18	2,721	1,945
1967	53,781	493,000	977,565	32	4,171	2,270
1968	53,754	501,084	1,402,636	32	4,845	4,056
1969	55,119	559,440	1,813,352	21	3,323	10,380
1970	89,786	1,060,754	2,241,988	15	1,398	15,100
1971	105,648	1,412,549	3,109,227	12	240	16,814
1972	120,988	1,807,063	4,328,708	76	3,810	16,789
1973	85,286	1,394,506	5,694,574	18	9,969	18,938
1974	102,005	1,939,622	6,700,675	61	8,972	20,735
1975	112,071	2,334,202	8,051,996	97	8,066	23,336
1976	94,522	2,054,706	9,815,075	71	10,366	26,945
1977	113,365	2,687,028	11,083,704	87	5,490	30,803
1978	144,018	3,060,481	12,596,054	85	11,665	38,285
1979	85,435	2,556,434	14,495,475	207	36,034	<sup>2</sup> 40,542
1980			16,130,400			54,631

  

Year	Rural rental housing loans			Rural housing site and self-help land development		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965	49	2,401	1,706			
1966	87	4,792	3,437			
1967	157	7,303	7,947			
1968	327	16,973	13,782			
1969	346	21,458	15,468			
1970	417	29,395	48,790	10	470	
1971	311	29,168	77,349	25	1,738	130
1972	390	48,836	105,755	17	1,893	1,730
1973	445	96,555	139,266	14	2,181	2,248
1974	637	205,580	175,860	9	1,787	2,331
1975	1,084	336,757	283,906	6	1,531	3,369
1976	1,090	433,253	531,051	5	954	4,526
1977	1,243	646,798	758,726	10	2,098	4,789
1978	1,157	729,231	1,069,590	9	3,891	4,688
1979	1,153	852,689	<sup>2</sup> 1,369,615	19	4,039	<sup>2</sup> 4,481
1980			2,403,332			5,283

<sup>1</sup>Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

<sup>2</sup>Latest data available as of September 30, 1978.

Farmers Home Administration.

**Table 687.—Loans to farmers' cooperative organizations: Outstanding amounts held by the banks for cooperatives, classified by type of loan, United States, Jan. 1, 1965–80<sup>1</sup>**

Year	Commodity loans	Operating capital loans	Facility loans	Year	Commodity loans	Operating capital loans	Facility loans
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965	147,222	455,111	355,492	1973	1,148,266	1,149,539	
1966	133,330	522,790	399,043	1974	1,306,431	1,283,396	
1967		<sup>2</sup> 588,646	<sup>3</sup> 701,173	1975	1,991,100	1,595,388	
1968		706,218	800,165	1976	2,109,854	1,878,007	
1969		694,681	882,279	1977	2,721,034	2,340,635	
1970		781,947	950,024	1978	2,900,182	2,831,537	
1971		1,010,717	1,019,147	1979	3,028,524	3,188,501	
1972		928,696	1,084,795	1980	4,369,672	3,777,786	

See footnotes on page 491.

Table 688.—Farmers' marketing, farm-supply, and related-service cooperatives: Number, memberships, and business, United States, 1965-76

Year <sup>1</sup>	Cooperatives <sup>2</sup>				Estimated memberships <sup>4</sup>				Estimated service receipts <sup>5</sup>
	Market- ing	Farm supply	Service <sup>3</sup>	Total	Market- ing	Farm supply	Service <sup>3</sup>	Total	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>Million dollars</i>
1965 .....	5,194	2,949	186	8,329	3,636	3,154	36	6,826	325
1966 .....	5,076	2,871	178	8,125	3,299	3,169	34	6,502	318
1967 .....	4,929	2,835	176	7,940	3,225	3,187	34	6,446	316
1968 .....	4,773	2,793	181	7,747	3,141	3,190	33	6,364	351
1969 .....	4,834	2,775	181	7,790	3,103	3,222	30	6,355	391
1970 .....	5,097	2,731	167	7,995	3,105	3,028	25	6,158	414
1971 .....	4,864	2,781	152	7,797	3,134	2,991	22	6,147	462
1972 .....	4,897	2,801	156	7,854	3,118	2,988	22	6,128	503
1973 .....	4,822	2,778	155	7,755	3,111	2,972	22	6,105	658
1974 .....	4,770	2,729	146	7,645	3,126	2,972	25	6,123	745
1975 .....	4,658	2,731	146	7,535	2,812	3,056	38	5,906	855
1976 <sup>6</sup> .....	<sup>7</sup> 4,008	<sup>7</sup> 2,593	135	<sup>7</sup> 6,736	2,655	3,066	37	5,758	893

  

Year <sup>1</sup>	Marketing volume		Farm supply volume		Total marketing and farm supply volume and service receipts	
	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1965 .....	15,439	12,198	4,805	3,085	20,619	15,608
1966 .....	16,265	12,900	5,314	3,339	21,897	16,557
1967 .....	16,557	13,189	5,565	3,545	22,438	17,050
1968 .....	16,841	13,421	5,643	3,615	22,835	17,387
1969 .....	18,389	14,816	5,986	3,873	24,766	19,080
1970 .....	20,118	15,802	6,749	4,340	27,281	20,556
1971 .....	20,795	16,463	7,396	4,740	28,653	21,665
1972 .....	25,110	19,573	8,841	5,915	34,454	25,991
1973 .....	35,632	26,944	11,395	7,764	47,685	35,366
1974 .....	40,313	31,937	13,416	8,660	54,474	41,342
1975 .....	39,402	29,783	15,554	9,412	55,811	40,050
1976 <sup>6</sup> .....	40,804	32,134	17,791	10,557	59,488	43,584

<sup>1</sup> Reports of cooperatives are included either for the calendar year or for fiscal years ending between July 1 of the calendar year shown and June 30 of the following year, with limited exceptions.

<sup>2</sup> Includes independent local cooperatives, centralized cooperatives, and federations of cooperatives. Cooperatives are classified according to their major activity. If, for example, more than 50 percent of a cooperative's business is derived from marketing activities, it is included as a marketing cooperative.

<sup>3</sup> Includes cooperatives whose major activity is providing services related to marketing and farm-supply activities.

<sup>4</sup> Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication exists because some farmers belong to more than one cooperative.)

<sup>5</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

<sup>6</sup> Preliminary.

<sup>7</sup> Due to a reclassification of cooperatives for inclusion in the report, 688 organizations were no longer included in the survey. Of these, 570 were primarily marketing associations and 118 were farm supply associations. (These organizations were patrons' associations formed around grain elevators and lumber yards for voting purposes and inactive livestock shipping associations.)

<sup>8</sup> Estimated gross business includes all business reported between cooperatives, such as the wholesale business of farm-supply cooperatives with other cooperatives or terminal market sales for local cooperatives.

<sup>9</sup> Estimated net business represents the value at the first level at which cooperatives transact business for farmers. Figures are adjusted for duplication resulting from intercooperative business.

Economics, Statistics, and Cooperatives Service—Cooperatives. Based on records from cooperatives reporting to the Service.

## FOOTNOTES FOR TABLE 687

<sup>1</sup> Includes Puerto Rico.

<sup>2</sup> Seasonal loans, beginning 1967.

<sup>3</sup> Term loans, beginning 1967.

Farm Credit Administration.

**Table 689.—Farmers' cooperatives: Number of marketing, farm-supply, and related-service cooperatives and business volume, United States, 1975-76 and 1976-77 (preliminary)**

Item	Cooperatives handling		Gross business		Net business <sup>1</sup>	
	1975-76	1976-77	1975-76	1976-77	1975-76	1976-77
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Products marketed:						
Beans and peas (dry edible) .....	53	51	137,738	106,988	116,023	98,506
Cotton and cotton products .....	519	500	1,186,478	1,538,105	959,807	1,293,249
Dairy products .....	579	558	9,576,989	10,044,109	8,430,086	9,135,738
Fruits and vegetables .....	436	424	3,894,774	4,009,023	2,860,587	2,850,018
Grain, soybeans, and soybean meal and oil .....	2,599	2,452	17,449,303	17,744,291	10,633,612	11,852,416
Livestock and livestock products ..	477	479	3,066,103	3,452,502	2,783,886	3,154,225
Nuts .....	41	42	555,094	658,071	555,094	658,071
Poultry products .....	151	93	944,995	936,739	807,238	798,671
Rice .....	61	60	816,655	705,353	815,165	705,353
Sugar products .....	61	62	1,339,763	1,167,074	1,337,239	1,160,892
Tobacco .....	30	33	291,364	292,758	291,364	292,758
Wool and mohair .....	177	172	21,176	40,344	21,176	25,344
Miscellaneous <sup>2</sup> .....	82	111	121,733	198,470	121,733	198,470
Total farm products .....	<sup>3</sup> 4,840	<sup>3</sup> 4,589	39,402,165	40,803,827	29,783,115	32,133,711
Supplies purchased:						
Building materials .....	2,382	2,274	423,827	474,089	326,409	371,623
Containers .....	670	641	230,735	246,551	113,323	114,873
Farm machinery and equipment ....	1,588	1,807	477,842	488,981	266,649	294,127
Feed .....	3,819	3,821	3,477,965	4,229,013	2,495,690	2,835,287
Fertilizer .....	3,949	3,909	4,241,770	4,467,180	2,284,020	2,426,662
Meats and groceries .....	486	499	162,715	140,654	108,134	91,728
Petroleum products .....	2,953	3,025	3,822,851	4,715,409	2,097,658	2,514,230
Seed .....	3,526	3,677	476,081	528,565	358,343	374,453
Sprays and dusts (farm chemicals) ..	3,597	3,689	1,054,517	1,159,992	627,790	693,582
Other supplies <sup>4</sup> .....	4,432	4,407	1,185,980	1,345,364	733,669	840,900
Total farm supplies .....	<sup>3</sup> 5,538	<sup>3</sup> 5,820	15,553,633	17,790,798	9,411,685	10,557,465
Receipts for services:						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous .....	<sup>3</sup> 4,911	<sup>3</sup> 4,783	<sup>5</sup> 855,277	<sup>5</sup> 892,977	<sup>5</sup> 855,277	<sup>5</sup> 892,977
Total business .....	<sup>3</sup> 7,535	<sup>3</sup> 6,722	55,811,075	59,487,602	40,060,077	43,584,153

<sup>1</sup> Represents value at the first level at which cooperatives transact business for farmers. <sup>2</sup> Includes coffee, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified. <sup>3</sup> Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives marketing individual products, handling individual supplies, or providing individual service. <sup>4</sup> Includes plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified. <sup>5</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities. <sup>6</sup> Due to a reclassification of cooperatives for inclusion in the report, 688 organizations were no longer included in the survey. Of these, 570 were primarily marketing associations and 118 were farm supply associations. (These organizations were patrons' associations formed around grain elevators and lumber yards for voting purposes and inactive livestock shipping associations.)

Economics, Statistics, and Cooperatives Service—Cooperatives. Based on records from cooperatives reporting to the Service.

**Table 690.—Farmers' cooperatives: Types, numbers, and memberships, United States**

Type	Year or date of data	Associations	Estimated memberships or participants
Marketing and farm supply:		<i>Number</i>	<i>Number</i>
Marketing <sup>1</sup> .....	1976-77 .....	<sup>2</sup> 4,008	2,655,018
Farm supply <sup>1</sup> .....	1976-77 .....	<sup>3</sup> 2,593	3,066,023
Miscellaneous services <sup>1,4</sup> .....	1976-77 .....	<sup>5</sup> 135	36,687
Service:			
Federal land bank associations <sup>6</sup> .....	June 30, 1977 .....	534	<sup>7</sup> 483,901
Production credit associations <sup>6</sup> .....	June 30, 1977 .....	429	526,245
Banks for cooperatives <sup>6</sup> .....	June 30, 1977 .....	13	<sup>8</sup> 3,433
Rural credit unions <sup>9</sup> .....	Jan. 1, 1978 .....	957	1,625,733
Rural electric cooperatives <sup>10</sup> .....	Jan. 1, 1977 .....	<sup>11</sup> 914	<sup>12</sup> 7,664,668
Rural telephone cooperatives <sup>10</sup> .....	Jan. 1, 1977 .....	245	805,335
Production:			
Dairy-herd-improvement associations <sup>13</sup> .....	Jan. 1, 1977 .....	1,208	33,755



Table 691.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm-supply, and related-service cooperatives, by States, 1975-76 and 1976-77 (preliminary)

State	Cooperatives head- quartered in State		Cooperatives doing business in State <sup>1</sup>		Membership in State		Net business <sup>2</sup>	
	1975-76	1976-77	1975-76	1976-77	1975-76	1976-77	1975-76	1976-77
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala .....	98	100	111	115	101,689	109,589	511,844	535,435
Alaska .....	1	1	1	1	15	18	( <sup>3</sup> )	( <sup>3</sup> )
Ariz .....	18	21	27	34	89,639	92,489	283,087	339,801
Ark .....	121	117	142	141	106,820	98,218	812,619	834,214
Calif .....	277	271	292	282	85,285	83,865	*3,933,807	*3,784,016
Colo .....	81	79	90	91	48,615	44,765	482,873	477,249
Conn .....	8	7	15	15	5,065	5,147	108,881	101,591
Del .....	7	7	12	12	17,165	12,915	57,209	52,024
Fla .....	86	89	98	105	60,050	61,391	948,633	1,018,003
Ga .....	94	93	107	106	154,488	161,866	843,525	759,520
Hawaii .....	18	16	21	19	2,183	2,278	24,285	28,667
Idaho .....	60	60	80	81	39,498	38,593	266,033	351,861
Ill .....	279	270	296	295	308,519	287,358	2,661,155	3,048,424
Ind .....	106	105	129	135	365,135	331,591	1,311,114	1,715,703
Iowa .....	447	402	474	437	326,981	304,596	2,989,547	3,441,800
Kans .....	261	257	279	278	204,716	209,429	1,675,209	1,754,552
Ky .....	82	77	91	89	232,389	251,393	360,735	449,978
La .....	100	91	115	105	18,519	17,749	360,726	390,272
Maine .....	10	10	15	15	7,025	7,490	95,834	117,758
Md .....	37	33	45	47	59,765	52,285	382,148	378,360
Mass .....	17	16	21	19	10,965	10,805	158,365	175,837
Mich .....	141	141	158	162	137,946	138,858	1,068,202	1,117,706
Minn .....	1,048	768	876	794	597,557	573,147	2,909,767	3,087,482
Miss .....	133	130	147	151	118,593	119,246	501,342	668,738
Mo .....	146	154	172	182	239,717	266,281	1,005,871	1,523,517
Mont .....	226	156	225	168	73,752	61,937	316,226	343,875
Nebr .....	336	316	360	341	246,065	209,729	1,374,912	1,481,739
Nev .....	3	3	9	13	305	197	14,737	22,530
N.H .....	7	7	14	14	6,202	6,456	57,472	69,205
N.J .....	33	33	40	41	16,221	14,993	74,211	181,000
N. Mex .....	23	22	33	37	6,832	5,519	177,308	84,897
N.Y .....	247	256	256	270	140,718	141,843	1,472,131	1,447,899
N.C .....	38	39	51	52	132,289	142,693	449,994	454,817
N. Dak .....	664	455	556	471	201,387	195,274	1,216,593	1,294,569
Ohio .....	199	194	212	213	213,547	204,807	1,500,457	1,618,488
Okla .....	151	149	164	168	132,462	97,532	736,039	796,241
Oreg .....	66	65	82	82	54,655	55,000	663,847	593,702
Pa .....	98	95	117	115	76,805	72,547	957,108	1,085,518
R.I .....	1	1	4	5	865	868	15,157	23,319
S.C .....	21	24	30	36	63,957	65,145	170,252	163,314
S. Dak .....	314	244	294	261	168,723	169,380	647,111	675,079
Tenn .....	103	100	118	122	157,245	156,938	388,774	469,460
Tex .....	440	424	455	445	133,073	143,585	1,621,045	1,920,600
Utah .....	39	38	44	46	19,919	21,571	288,124	245,397
Vt .....	8	9	13	15	6,879	6,967	163,172	251,436
Va .....	114	109	128	124	190,125	182,684	511,570	551,904
Wash .....	138	135	157	153	76,669	74,338	1,169,168	1,111,025
W. Va .....	67	71	78	89	67,506	72,291	86,012	90,257
Wis .....	494	451	483	474	372,891	364,687	2,103,583	2,297,135
Wyo .....	29	25	35	36	8,673	9,092	65,746	46,010
United States ....	7,535	6,736	.....	.....	5,906,104	5,757,435	39,993,560	43,471,924
Foreign .....	.....	.....	8	10	275	293	*56,517	*112,229
Total .....	7,535	*6,736	.....	.....	5,906,379	5,757,728	40,050,077	43,584,153

<sup>1</sup> Includes cooperatives headquartered both in and outside the State handling business originating in the State. No totals can be shown because of duplication.

<sup>2</sup> Represents value at the first level at which cooperatives transact business for farmers.

<sup>3</sup> Included in the dollar volume of California.

<sup>4</sup> Volume of a sugar cooperative located in Hawaii but headquartered in California is included in California.

<sup>5</sup> Sales outside the United States, to domestic military installations, and sales of certain products not received directly from member-patrons.

<sup>6</sup> Due to a reclassification of cooperatives for inclusion in the report, 688 organizations were no longer included in the survey. Of these, 570 were primarily marketing associations and 118 were farm supply associations. (These organizations were patrons' associations formed around grain elevators and lumber yards for voting purposes and inactive livestock shipping associations.)

**Table 692.—Rural Electrification Administration: Long-term financing approved by purpose, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1980<sup>1</sup>**

State and Territory	Bor- rowers	Total financing			Financing to cooperative associations <sup>3</sup>		Financing by purpose			Miles of line provided for by financing <sup>(e)</sup>	Con- sumers provided for by financing <sup>(e)</sup>
		REA loans	Non-REA financing		Bor- row- ers	Amount (2)(*)	Distri- bution	Genera- tion and transmis- sion <sup>2,4</sup>	Con- sumer facili- ties <sup>5</sup>		
			With REA guaran- tee	Without REA guaran- tee <sup>2</sup>							
	Num- ber	1,000 dollars	1,000 dollars	1,000 dollars	Num- ber	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number
Ala .....	27	305,893	265,553	29,359	24	586,824	241,649	357,797	1,359	50,892	388,378
Alaska .....	14	493,838	130,584	40,809	13	662,476	237,539	426,603	1,089	8,209	114,783
Ariz .....	13	116,935	298,779	8,759	8	418,999	65,182	358,801	490	9,623	65,450
Ark .....	21	468,216	632,588	40,144	20	1,140,425	343,520	792,957	4,471	57,374	324,640
Calif .....	10	56,249	0	1,325	7	33,023	46,617	10,900	56	5,806	70,736
Colo .....	24	679,285	902,496	91,861	24	1,673,642	399,518	1,274,049	74	56,160	232,480
Conn .....	0	0	0	0	0	0	0	0	0	0	0
Del .....	1	25,884	0	5,747	1	31,630	29,826	1,802	3	3,188	30,458
Fla .....	18	344,743	1,113,388	64,014	16	1,521,933	348,669	1,170,957	2,519	43,078	387,897
Ga .....	48	433,617	2,141,677	103,228	46	2,678,259	504,791	2,170,772	2,959	95,509	726,491
Hawaii ..	0	0	0	0	0	0	0	0	0	0	0
Idaho .....	10	89,120	0	8,404	10	97,523	81,003	15,324	1,197	10,805	40,374
Ill .....	31	335,578	317,761	29,823	30	683,081	262,404	420,547	212	53,357	217,029
Ind .....	48	300,045	1,082,684	40,492	47	1,422,790	238,490	1,184,014	716	48,758	324,468
Iowa .....	57	516,294	149,457	44,473	54	708,624	285,122	424,706	397	64,588	178,907
Kans .....	37	372,710	17,709	9,680	36	400,094	274,329	125,355	415	66,962	156,841
Ky .....	29	695,798	848,019	181,764	28	1,725,579	414,817	1,309,605	1,159	70,710	511,675
La .....	20	342,879	1,081,000	64,567	18	1,479,949	287,604	1,200,665	1,777	40,237	312,010
Maine .....	4	18,057	0	632	4	18,689	14,701	3,944	44	1,718	13,045
Md .....	2	91,926	0	16,062	2	107,988	90,801	17,188	0	9,620	84,260
Mass .....	0	0	0	0	0	0	0	0	0	0	0
Mich .....	15	250,418	226,715	12,957	15	490,090	159,562	330,055	473	28,626	191,283
Minn .....	53	655,090	1,412,574	50,918	51	2,117,624	449,816	1,664,421	4,346	102,022	401,409
Miss .....	29	361,688	209,913	33,356	27	602,911	313,360	290,904	694	68,541	445,694
Mo .....	49	797,601	1,584,186	76,250	48	2,458,002	486,752	1,970,464	821	106,609	484,626
Mont .....	26	166,333	0	6,634	26	172,967	152,143	20,596	229	39,707	87,722
Nebr .....	36	342,765	0	11,473	4	46,002	265,457	88,219	562	72,980	157,932
Nev .....	8	42,690	0	257	3	35,611	29,255	13,443	248	4,752	11,162
N.H. ....	1	52,719	0	333	1	53,051	50,625	2,395	32	3,915	44,701
N.J. ....	2	8,866	0	1,388	2	10,254	9,494	756	4	781	10,299
N. Mex .....	18	210,358	5,240	9,043	17	224,506	140,391	81,239	3,010	33,824	115,409
N.Y. ....	6	17,746	0	2,483	5	18,366	19,752	392	85	4,282	19,647
N.C. ....	34	386,253	0	65,859	29	451,217	401,664	45,813	4,635	61,035	507,424
N. Dak .....	27	658,097	2,284,077	347,178	25	3,283,752	228,733	3,058,633	1,986	65,132	94,528
Ohio .....	29	275,499	45,610	381,154	28	696,020	235,240	466,804	218	37,406	242,603
Okla .....	29	518,087	969,284	39,616	27	1,526,686	419,874	1,104,437	2,676	85,714	334,996
Oreg .....	18	177,094	69,827	22,870	17	264,921	168,216	101,338	237	19,915	98,155
Pa .....	13	145,227	241,408	21,560	13	408,196	163,159	244,798	239	22,975	160,964
R.I. ....	0	0	0	0	0	0	0	0	0	0	0
S.C. ....	26	364,431	13,699	41,707	24	415,331	286,249	181,357	2,231	48,566	361,409
S. Dak .....	34	304,437	11,978	6,613	34	323,027	228,896	93,250	881	62,424	112,580
Tenn .....	32	242,820	0	37,140	20	260,648	278,208	1,708	45	59,911	565,152
Tex .....	99	1,103,862	526,881	112,308	97	1,685,316	893,548	846,979	2,524	215,781	873,551
Utah .....	5	51,487	0	4,622	5	56,109	32,424	23,561	124	4,977	18,397
Vt .....	2	43,622	0	2,548	2	46,171	26,922	18,345	903	2,578	15,282
Va .....	20	260,764	0	43,916	19	304,487	283,523	20,489	667	34,764	246,456
Wash .....	23	145,379	0	13,584	11	118,124	150,472	8,239	252	19,070	83,554
W. Va .....	1	5,047	0	0	1	5,047	5,042	0	5	689	4,545
Wis .....	31	361,865	176,686	26,937	30	565,397	180,553	403,127	1,809	38,966	160,616
Wyo .....	15	168,377	0	6,922	14	175,221	128,157	47,040	101	25,870	63,291
U.S. ....	1,095	13,805,689	16,759,773	2,160,769	983	32,206,582	10,334,069	22,344,788	47,374	1,967,406	10,093,309
P.R. ....	1	141,862	0	0	0	0	112,153	29,709	0	12,344	288,170
V.I. ....	2	3,350	0	0	0	0	2,691	659	0	176	5,457
Total ...	1,098	13,950,901	16,759,773	2,160,769	983	32,206,582	10,448,913	22,375,156	47,374	1,979,926	10,386,936

<sup>1</sup> State totals represent data for borrowers incorporated within the State.

<sup>2</sup> Includes loans obtained by REA borrowers' affiliates specifically organized to facilitate non-REA financing.

<sup>3</sup> Totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, \$383,327,671; municipalities and other Government authorities, 35 borrowers, \$252,971,375; power companies, 26 borrowers, \$28,562,033.

<sup>4</sup> Includes \$16,759,773,000 in REA guarantee commitments made as of Jan. 1, 1980.

<sup>5</sup> Funds loaned to corporate borrowers for relending to individuals. Includes wiring, plumbing, and refrigeration installations.

<sup>6</sup> Includes miles energized and consumers served, shown in table 693 and 694.

Table 693.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, 1979, by States and Territories<sup>1</sup>

State and Territory	Total advances as of Jan. 1 1980 <sup>2,3</sup>	Statistics for borrowers in operation								
		As of Jan. 1, 1980			Calendar year 1979					
		Bor- rowers	Miles ener- gized <sup>4</sup>	Con- sumers served <sup>4</sup>	Kw-hr. generated	Kw-hr. pur- chased <sup>5</sup>	Kw-hr. sales <sup>6</sup>	Total revenue <sup>6</sup>	Average monthly kw-hr. consumption per consumer	
									All con- sumers	Resi- dential con- sumers <sup>7</sup>
	1,000 dollars	Num- ber	Miles	Num- ber	1,000 kw-hr	1,000 kw-hr.	1,000 kw-hr.	1,000 dollars	Kw- hr.	Kw- hr.
Ala .....	277,208	26	51,309	342,741	1,076,353	6,081,599	4,741,584	200,407	1,129	916
Alaska .....	398,342	14	7,103	99,468	1,912,823	579,276	1,781,977	93,587	1,935	909
Ariz .....	113,257	13	10,252	70,397	1,987,410	2,857,654	3,097,223	119,903	2,407	593
Ark .....	411,275	21	55,132	262,181	2,070,509	7,271,712	3,259,543	138,822	1,060	786
Calif .....	53,234	9	5,263	45,044	0	571,191	529,894	13,883	1,523	945
Colo .....	571,524	24	52,555	226,701	2,280,343	8,036,507	3,908,785	150,450	1,498	795
Conn .....	0	0	0	0	0	0	0	0	0	0
Del .....	19,183	1	3,065	29,194	0	315,137	278,777	16,301	812	756
Fla .....	316,755	18	41,284	360,308	121,849	4,738,764	4,280,758	238,262	1,033	801
Ga .....	410,072	46	95,104	634,708	4,893,746	10,234,912	7,365,813	341,105	1,024	854
Hawaii .....	0	0	0	0	0	0	0	0	0	0
Idaho .....	78,467	10	10,493	37,956	17	995,733	898,240	16,955	2,054	1,233
Ill .....	307,583	31	52,475	200,969	1,460,436	3,221,479	3,063,502	146,263	1,259	987
Ind .....	270,655	45	48,940	305,011	1,572,035	5,626,745	4,551,683	187,179	1,279	1,079
Iowa .....	456,115	57	63,517	170,661	2,089,446	4,590,064	3,691,516	147,148	1,545	1,311
Kans .....	320,764	36	64,350	136,988	787,569	2,822,983	2,366,615	113,073	1,457	804
Ky .....	656,903	28	69,123	421,087	7,717,689	16,667,568	12,918,276	340,745	2,473	971
La .....	310,665	17	38,203	249,969	1,116,821	6,750,329	3,551,913	134,545	1,212	996
Maine .....	15,781	4	1,646	12,003	0	90,120	79,915	4,681	556	368
Md .....	82,968	2	9,518	82,681	1	1,342,779	1,259,223	60,947	1,291	878
Mass .....	0	0	0	0	0	0	0	0	0	0
Mich .....	215,892	15	27,967	175,433	427,442	1,958,135	1,306,317	74,249	624	530
Minn .....	577,519	53	100,774	395,686	2,163,340	9,160,649	6,042,493	249,988	1,190	985
Miss .....	342,464	29	70,870	417,784	1,290,327	8,013,230	6,192,667	269,481	1,333	894
Mo .....	742,556	47	103,805	408,007	6,358,742	15,849,964	7,501,255	261,798	1,153	847
Mont .....	144,336	26	39,892	81,415	0	2,161,755	1,382,772	35,126	1,450	1,095
Nebr .....	303,613	36	70,328	150,207	5	5,182,922	2,778,119	106,626	1,638	1,127
Nev .....	41,010	8	4,147	12,883	0	409,617	352,301	9,264	2,403	894
N.H .....	44,963	1	3,873	42,731	0	359,149	325,500	19,132	645	517
N.J .....	8,167	2	773	9,974	0	76,739	63,361	3,636	792	715
N. Mex .....	194,158	18	34,165	108,759	331,306	3,183,258	1,964,766	80,640	1,497	457
N.Y .....	15,701	5	3,742	16,455	0	116,137	106,389	3,343	894	856
N.C .....	347,611	32	60,096	428,902	24	5,411,825	4,859,648	214,154	971	818
N. Dak .....	602,272	27	62,939	87,692	8,541,645	5,556,468	6,278,099	140,818	2,012	1,288
Ohio .....	248,594	29	37,441	230,705	3,621,007	3,590,846	3,215,725	159,615	1,234	1,026
Oklahoma .....	469,948	29	84,737	276,343	2,535,893	5,434,600	4,389,367	169,601	1,309	862
Oreg .....	162,351	18	20,341	91,748	0	2,912,093	2,686,495	42,369	2,554	1,436
Pa .....	133,529	13	22,782	147,159	0	3,217,869	1,429,967	67,642	803	720
R.I .....	0	0	0	0	0	0	0	0	0	0
S.C .....	339,999	22	47,173	307,503	0	7,200,660	3,755,253	145,600	1,069	906
S. Dak .....	267,334	34	60,709	100,708	0	4,190,847	1,727,712	58,901	1,435	1,171
Tenn .....	226,359	32	61,183	548,119	0	11,569,133	10,809,015	364,898	1,698	1,235
Tex .....	1,031,770	80	215,467	756,784	1,790,114	11,832,232	9,704,791	430,718	1,066	745
Utah .....	44,166	5	4,721	16,818	37,473	904,552	856,851	19,377	4,373	936
Vt .....	28,539	2	2,538	15,182	0	156,808	140,763	7,704	789	703
Va .....	238,751	16	33,988	218,663	1,159	3,261,777	3,023,829	147,429	1,181	845
Wash .....	138,843	23	19,095	80,089	133	2,774,949	2,466,795	33,636	2,925	1,695
W. Va .....	4,595	1	679	3,393	0	29,493	25,755	1,368	562	519
Wis .....	331,476	31	39,016	155,946	3,500,776	3,098,966	2,473,371	97,794	1,075	911
Wyo .....	128,687	15	24,673	58,326	9,570	2,313,967	2,118,487	60,767	3,141	968
U.S .....	12,445,954	1,051	1,937,246	9,031,981	59,695,503	202,773,192	149,608,130	5,739,800	1,335	919
P.R .....	141,862	1	13,051	242,252	485,973	0	447,096	30,336	0	0
V.I .....	430	2	97	853	0	0	0	0	0	0
Total .....	12,588,246	1,054	1,950,394	9,275,086	60,181,476	202,773,192	150,055,226	5,770,136	1,335	919

<sup>1</sup> State totals represent data for borrowers incorporated within the State.<sup>2</sup> Actual funds advanced out of REA loans approved, as shown in table 692.<sup>3</sup> Cumulative.<sup>4</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1980, there were 69 such borrowers with 26,690 miles energized and 150,754 consumers served.<sup>5</sup> Includes 93,712,601 thousands Kw-hr. sold by one REA borrower to another.<sup>6</sup> Excludes energy sales and revenues of power sold by one REA borrower to another.<sup>7</sup> Includes rural nonfarm and farm consumers.



Table 694.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1965–80

Year	Total advances as of Jan. 1 <sup>1</sup>	Statistic for borrowers in operation								
		As of Jan. 1			During year				Average monthly kw.-hr. consumption per consumer	
		Borrowers	Miles energized <sup>2</sup>	Consumers served <sup>2</sup>	Kw.-hr. generated	Kw.-hr. purchased <sup>3</sup>	Kw.-hr. sales <sup>3</sup>	Total revenue <sup>3</sup>	All consumers	Residential consumers <sup>4</sup>
	1,000 dollars	Number	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.
1965...	4,593,153	1,051	1,547,143	5,386,088	8,533,866	39,104,323	42,668,054	846,520	654	479
1966...	4,909,826	1,052	1,566,772	5,341,478	11,546,699	42,824,994	48,439,066	911,545	708	515
1967...	5,182,750	1,051	1,586,502	5,652,844	13,709,927	45,399,786	52,880,144	977,057	751	543
1968...	5,524,114	1,052	1,606,497	5,806,017	14,509,058	50,917,031	58,303,933	1,059,686	812	593
1969...	5,934,571	1,052	1,627,445	5,986,140	18,072,872	56,031,381	66,421,021	1,168,306	876	643
1970...	6,261,549	1,049	1,650,240	6,196,967	23,813,687	60,478,441	76,009,289	1,309,464	948	687
1971...	6,655,111	1,050	1,676,001	6,442,332	27,759,662	65,494,403	84,282,836	1,482,254	998	711
1972...	7,069,553	1,048	1,700,348	6,747,698	32,290,340	70,610,260	92,534,163	1,680,718	1,063	754
1973...	7,522,195	1,047	1,732,545	7,076,249	32,045,118	79,235,190	100,688,298	1,912,502	1,120	793
1974...	8,070,542	1,046	1,766,701	7,457,123	32,795,053	84,520,287	105,690,807	2,316,436	1,149	803
1975...	8,755,257	1,047	1,797,525	7,767,813	33,462,818	91,874,602	112,669,814	2,971,822	1,191	840
1976...	9,508,607	1,050	1,827,896	8,017,654	38,660,059	100,139,618	124,004,376	3,556,049	1,254	866
1977...	10,143,415	1,048	1,857,434	8,311,779	46,014,515	102,626,911	131,547,776	4,212,317	1,313	910
1978...	10,868,424	1,051	1,890,173	8,630,818	52,472,215	107,477,358	141,908,005	5,009,862	1,339	987
1979...	11,662,272	1,052	1,917,859	8,962,540	60,181,476	109,060,591	150,055,226	5,770,136	1,335	919
1980...	<sup>5</sup> 12,588,246	1,054	1,950,394	9,275,086	.....	.....	.....	.....	.....	.....

<sup>1</sup> Cumulative from organization, May 11, 1935.<sup>2</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1980, there were 69 such borrowers with 26,690 miles energized and 150,754 consumers served.<sup>3</sup> Excludes energy sales and revenues of power sold by one REA borrower to another. Includes patronage capital.<sup>4</sup> Includes rural nonfarm and farm consumers.<sup>5</sup> Actual funds advanced out of REA loans approved, as shown in table 692.

Rural Electrification Administration.

## FOOTNOTES FOR TABLE 690

<sup>1</sup> Economics, Statistics, and Cooperatives Service, U.S. Department of Agriculture.<sup>2</sup> When associations marketing farm products but principally engaged in providing some other services are included, the total is 4,589.<sup>3</sup> When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 5,320.<sup>4</sup> Includes trucking, storage, grinding, locker plant, and other services.<sup>5</sup> When associations providing miscellaneous services but principally engaged in marketing or farm-supply activities are included, the total is 4,748.<sup>6</sup> Farm Credit Administration.<sup>7</sup> Represents the number of Federal land bank loans outstanding as of June 30, 1977.<sup>8</sup> Cooperative association borrowing from banks for cooperatives.<sup>9</sup> Credit Union National Association, Inc.<sup>10</sup> Rural Electrification Administration, U.S. Department of Agriculture.<sup>11</sup> Includes associations that are REA repaid borrowers.<sup>12</sup> Includes only memberships of associations financed by REA.<sup>13</sup> Science and Education Administration, U.S. Department of Agriculture.

Economics, Statistics, and Cooperatives Service—Cooperatives.



**Table 695.—Rural Electrification Administration: Annual revenues and expenses reported by electric borrowers, United States, 1965-79**

Year	Operating revenue	Operating expense	Interest expense	Depreciation and amortization expense	Net margins <sup>2</sup>	Total utility plant
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	937,986	637,367	58,950	141,547	116,382	4,978,735
1966 .....	1,021,917	706,268	61,946	150,681	120,942	5,352,578
1967 .....	1,108,139	777,279	64,639	158,721	125,194	5,776,334
1968 .....	1,206,781	860,947	67,227	166,099	130,538	6,166,602
1969 .....	1,337,017	968,228	71,451	176,651	140,066	6,592,785
1970 .....	1,535,114	1,147,002	78,108	193,030	144,191	7,175,316
1971 .....	1,766,495	1,343,836	84,346	209,488	156,972	7,708,276
1972 .....	2,025,431	1,556,061	93,324	224,069	185,756	8,313,088
1973 .....	2,337,744	1,823,131	102,730	240,241	220,841	9,043,262
1974 .....	2,905,127	2,387,240	128,036	262,013	180,481	10,109,337
1975 .....	3,887,688	3,257,727	181,127	291,742	210,682	11,845,119
1976 .....	4,725,869	3,976,370	214,947	328,245	264,606	14,031,055
1977 .....	5,802,326	4,878,108	291,138	371,491	340,311	17,265,848
1978 .....	7,038,706	5,924,401	386,331	431,372	389,250	20,352,316
1979 .....	8,061,512	6,735,053	514,826	500,848	443,256	23,620,001

<sup>1</sup>Beginning 1970, includes nonoperating margins, generation and transmission capital credits, and miscellaneous revenue deductions not shown elsewhere in this table. Prior years include nonoperating margins and miscellaneous revenue deductions. Includes patronage capital.

Rural Electrification Administration.

**Table 696.—Rural Electrification Administration: Number of percentage of farms receiving central station electric service by States, as of Sept. 30, 1979<sup>1</sup>**

State	Farms with service		State	Farms with service	
	Number	Percent <sup>2</sup>		Number	Percent <sup>2</sup>
Ala .....	55,450	99	Nebr .....	62,350	99
Alaska .....	290	97	Nev .....	1,800	99
Ariz .....	5,000	86	N.H. ....	2,950	99
Ark .....	57,350	99	N.J. ....	7,500	99
Calif .....	59,400	99	N. Mex ..	10,300	99
Colo .....	26,100	98	N.Y. ....	44,550	99
Conn .....	3,550	99	N.C. ....	98,000	99
Del .....	2,950	99	N. Dak ..	40,300	98
Fla .....	34,650	99	Ohio .....	95,550	99
Ga .....	53,450	99	Okla .....	72,100	99
Hawaii .....	3,350	90	Oreg .....	29,700	99
Idaho .....	23,050	99	Pa .....	58,400	99
Ill .....	105,950	99	R.I. ....	660	99
Ind .....	88,100	99	S.C. ....	34,450	98
Iowa .....	119,800	99	S. Dak ..	40,900	99
Kans .....	71,200	99	Tenn .....	93,050	99
Ky .....	95,050	99	Tex .....	154,850	97
La .....	34,650	99	Utah .....	12,000	99
Maine .....	7,500	99	Vt .....	5,850	99
Md .....	15,850	99	Va .....	58,400	99
Mass .....	4,750	99	Wash .....	32,650	99
Mich .....	62,350	99	W. Va .....	19,150	98
Minn .....	102,950	99	Wis .....	94,050	99
Miss .....	52,450	99	Wyo .....	7,100	99
Mo .....	116,800	99			
Mont .....	21,250	98	U.S. ....	2,299,850	99

<sup>1</sup>Includes service from REA borrowers and all other suppliers. Estimated by REA.

<sup>2</sup>Percentage is of the total number of farms as estimated for 1979 by the Crop Reporting Board, ESCS. State figures are rounded to the nearest whole percentage.

Rural Electrification Administration.

**Table 697.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, United States, 1965–79<sup>1</sup>**

Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill
	<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dollars</i>
1965 .....	716	2.27	16.30	1970 .....	918	2.12	19.50	1975 .....	1,150	3.07	35.30
1966 .....	749	2.20	16.50	1971 .....	958	2.18	20.80	1976 .....	1,307	3.35	43.80
1967 .....	768	2.17	16.80	1972 .....	1,007	2.23	22.50	1977 .....	1,311	3.68	48.10
1968 .....	819	2.15	17.60	1973 .....	1,048	2.31	24.20	1978 .....	1,334	3.98	53.20
1969 .....	880	2.09	18.40	1974 .....	1,084	2.66	28.80	1979 .....	1,299	4.24	55.10

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 698.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, by States, 1978 and 1979<sup>1</sup>**

State	Average monthly kw.-hr. used		Monthly bill		Cost per kw.-hr.	
	1978	1979	1978	1979	1978	1979
	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>
Ala .....	1,090	1,000	43.60	47.00	4.00	4.70
Ariz .....	3,000	2,500	144.00	138.00	4.80	5.50
Ark .....	1,200	1,100	52.80	49.50	4.40	4.50
Calif .....	3,700	3,000	163.00	132.00	4.40	4.40
Colo .....	1,400	1,400	49.00	56.00	3.50	4.00
Conn .....	1,700	1,500	73.10	69.00	4.30	4.60
Del .....	1,400	1,600	70.00	80.00	5.00	5.00
Fla .....	1,900	1,750	95.00	87.50	5.00	5.00
Ga .....	1,320	1,250	55.40	58.80	4.20	4.70
Idaho .....	2,000	1,800	52.00	46.80	2.60	2.60
Ill .....	1,160	1,200	54.50	60.00	4.70	5.00
Ind .....	1,200	1,150	46.80	50.60	3.90	4.40
Iowa .....	1,360	1,550	58.50	71.30	4.30	4.60
Kans .....	1,100	1,050	49.50	50.40	4.50	4.80
Ky .....	980	920	35.30	35.90	3.60	3.90
La .....	1,250	1,100	37.50	41.80	3.00	3.80
Maine .....	1,600	1,400	62.40	60.20	3.90	4.30
Md .....	1,380	1,300	63.50	61.10	4.60	4.70
Mass .....	1,500	1,400	69.00	72.80	4.60	5.20
Mich .....	1,090	1,200	52.30	57.60	4.80	4.80
Minn .....	1,470	1,600	54.40	65.60	3.70	4.10
Miss .....	1,110	870	47.70	40.90	4.30	4.70
Mo .....	890	1,000	38.30	45.00	4.30	4.50
Mont .....	1,430	1,300	37.20	39.00	2.60	3.00
Nebr .....	1,300	1,280	52.00	51.20	4.00	4.00
Nev .....	2,000	2,200	80.00	88.00	4.00	4.00
N.H. ....	1,800	2,000	84.60	104.00	4.70	5.20
N.J. ....	1,100	1,040	62.70	61.40	5.70	5.90
N. Mex .....	900	1,100	45.00	55.00	5.00	5.00
N.Y. ....	1,800	1,780	68.40	73.00	3.80	4.10
N.C. ....	1,070	1,000	43.90	44.00	4.10	4.40
N. Dak .....	1,200	1,250	38.40	42.50	3.20	3.40
Ohio .....	1,180	1,130	50.70	52.00	4.30	4.60
Okla .....	910	920	39.10	39.60	4.30	4.30
Oreg .....	2,000	1,800	48.00	43.20	2.40	2.40
Pa .....	1,450	1,550	59.40	68.20	4.10	4.40
R.I. ....	1,200	1,200	60.00	63.60	5.00	5.30
S.C. ....	1,040	1,000	42.60	43.00	4.10	4.30
S. Dak .....	1,180	1,250	40.10	45.00	3.40	3.60
Tenn .....	1,050	950	30.40	31.40	2.90	3.30
Tex .....	1,300	1,200	55.90	55.20	4.30	4.60
Utah .....	1,200	1,000	44.40	42.00	3.70	4.20
Vt .....	2,200	2,200	94.60	96.80	4.30	4.40
Va .....	1,180	1,100	50.70	51.70	4.30	4.70
Wash .....	2,500	2,650	40.00	42.40	1.60	1.60
W. Va .....	810	750	31.60	29.30	3.90	3.90
Wis .....	1,680	1,680	67.20	72.20	4.00	4.30
Wyo .....	1,400	1,600	43.40	54.40	3.10	3.40
U.S. ....	1,334	1,299	53.20	55.10	3.98	4.24

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 699.—Rural Electrification Administration: Annual revenues, expenses, and total telephone plant reported by telephone borrowers, United States, 1965-79

Year	Borrowers reporting	Operating revenues	Operating expenses	Interest expense	Depreciation and amortization expense	Net income or margin <sup>1</sup>	Total telephone plant <sup>2</sup>
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965	816	186,991	103,671	16,630	47,776	19,702	1,167,878
1966	814	215,112	117,848	17,900	53,653	26,543	1,298,518
1967	811	238,888	132,228	19,316	60,856	27,322	1,471,165
1968	811	271,697	150,900	21,152	67,780	33,115	1,639,137
1969	805	310,421	172,942	23,087	73,266	38,986	1,827,508
1970	808	362,694	200,917	26,250	86,348	49,281	2,084,584
1971	813	407,405	224,489	30,064	97,600	55,872	2,295,944
1972	822	464,764	256,688	33,752	110,586	62,879	2,569,301
1973	831	555,318	307,457	41,246	127,722	76,801	2,964,312
1974	848	658,732	366,052	53,830	146,475	91,261	3,422,383
1975	858	753,100	422,396	66,202	166,709	95,456	3,849,740
1976	876	899,395	703,300	85,705	195,087	112,397	4,873,731
1977	896	1,086,604	854,119	101,996	232,251	131,485	5,073,933
1978	902	1,305,261	754,020	117,455	270,383	160,807	5,769,947
1979 <sup>3</sup>	919	1,539,743	883,890	140,605	312,337	199,589	6,557,728

<sup>1</sup>Includes other income and deductions (net), and other fixed charges not shown elsewhere in this table.<sup>2</sup>Investment in physical plant and related facilities.<sup>3</sup>Preliminary.

Rural Electrification Administration.

Table 700.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, United States, 1965-80

Year	Total advances as of Jan. 1 <sup>1</sup>		Operating statistics as of Jan. 1				Revenues for year ending Dec. 31
	REA	RTB	Borrowers reporting	Employees	Total subscribers	Telephones in service	
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
1965	917,896	.....	804	11,075	1,626,590	1,899,904	186,991
1966	1,001,966	.....	816	11,567	1,726,359	2,045,956	215,112
1967	1,088,721	.....	814	12,220	1,825,861	2,195,346	238,888
1968	1,193,344	.....	811	12,827	1,944,334	2,369,153	271,697
1969	1,297,544	.....	811	13,389	2,067,025	2,561,495	310,421
1970	1,412,712	.....	806	14,088	2,184,575	2,754,689	362,694
1971	1,553,050	.....	809	15,448	2,334,511	2,988,849	407,405
1972	1,697,908	.....	813	15,460	2,428,868	3,157,109	464,764
1973	1,820,970	17,492	822	16,300	2,574,814	3,423,392	555,318
1974	1,933,685	80,832	831	17,446	2,725,030	3,713,976	659,732
1975	2,070,171	207,379	848	19,580	2,919,113	4,084,393	753,100
1976	2,211,707	334,737	858	20,045	3,045,292	4,355,445	899,335
1977	2,370,610	429,329	876	21,188	3,283,223	4,796,426	1,086,604
1978	2,526,906	515,020	895	23,475	3,599,069	5,388,071	1,305,261
1979	2,674,393	660,210	902	26,270	3,877,060	5,925,460	<sup>2</sup> 1,539,743
1980 <sup>2</sup>	2,892,056	<sup>3</sup> 793,682	919	27,936	4,072,709	6,335,312	.....

<sup>1</sup>Cumulative from organization, Oct. 28, 1949.<sup>2</sup>Preliminary, except total advances.<sup>3</sup>Actual funds advanced out of loans approved, as shown in table 702.

Rural Electrification Administration.

**Table 701.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, as of Jan. 1, 1980, and revenues for 1979, by States and Territories<sup>1</sup>**

State and Territory	Total advances as of Jan. 1, 1980 <sup>2,3</sup>		Operating statistics as of Jan. 1, 1980			Revenues for 12 months ending Dec. 31, 1979 <sup>4</sup>
	REA	RTB	Borrowers reporting	Total subscribers	Telephones in service	
	1,000 dollars	1,000 dollars	Number	Number	Number	1,000 dollars
Ala .....	77,705	31,436	22	95,752	142,828	32,517
Alaska .....	19,623	20,689	7	28,229	44,048	28,874
Ariz .....	31,192	20,335	4	85,603	143,019	62,666
Ark .....	59,028	30,440	18	148,440	214,734	59,126
Calif .....	40,896	16,617	11	25,591	37,611	15,418
Colo .....	30,921	9,141	15	21,193	32,338	11,062
Conn .....	0	0	0	0	0	0
Del .....	0	0	0	0	0	0
Fla .....	36,859	13,566	8	74,927	121,903	40,038
Ga .....	147,402	55,776	29	249,806	379,305	91,191
Hawaii .....	0	0	0	0	0	0
Idaho .....	11,673	825	8	11,215	18,164	4,336
Ill .....	58,633	7,278	23	81,126	134,657	28,109
Ind .....	65,105	11,907	29	83,613	131,622	23,293
Iowa .....	91,523	6,210	76	156,979	251,623	50,818
Kans .....	116,107	19,182	33	125,086	200,062	50,209
Ky .....	124,705	30,240	16	159,126	229,396	43,846
La .....	54,747	19,467	19	76,105	117,121	31,108
Maine .....	16,290	7,990	9	46,918	69,128	16,165
Md .....	2,061	605	1	2,842	4,565	1,134
Mass .....	784	520	1	1,853	2,740	602
Mich .....	45,656	4,390	24	77,753	115,528	23,749
Minn .....	149,940	26,107	62	235,813	354,950	77,851
Miss .....	46,354	6,036	16	49,017	73,168	14,002
Mo .....	108,517	22,652	24	212,792	306,732	76,043
Mont .....	83,553	0	11	26,759	43,279	18,799
Nebr .....	49,983	8,128	29	56,257	85,684	20,060
Nev .....	3,101	2,980	4	4,211	7,079	3,143
N.H .....	7,345	3,133	5	11,472	19,251	5,451
N.J .....	14,295	8,438	3	22,764	40,573	12,641
N. Mex .....	24,997	0	7	8,664	14,085	4,321
N.Y .....	29,115	18,948	26	95,175	142,050	31,620
N.C .....	128,237	19,967	18	188,877	300,026	56,703
N. Dak .....	103,185	6,457	13	61,988	106,519	24,877
Ohio .....	10,170	1,308	15	29,160	43,370	7,392
Okla .....	103,849	49,815	31	110,134	166,886	43,863
Oreg .....	27,712	14,533	17	49,919	80,529	23,070
Pa .....	58,112	69,034	27	274,640	450,418	91,490
R.I .....	0	0	0	0	0	0
S.C .....	116,238	47,077	19	137,532	232,879	50,846
S. Dak .....	79,861	6,207	18	49,448	81,640	19,108
Tenn .....	130,823	39,817	21	167,367	257,524	45,501
Tex .....	247,072	43,632	54	286,301	456,393	143,198
Utah .....	13,344	2,183	6	8,529	12,917	3,081
Vt .....	3,057	1,393	4	6,263	10,129	2,767
Va .....	41,629	12,641	12	44,256	67,126	13,769
Wash .....	26,249	6,626	15	23,768	35,757	10,566
W. Va .....	35,048	3,196	10	50,167	68,743	14,529
Wis .....	159,251	64,992	89	246,100	394,683	82,035
Wyo .....	8,326	1,762	8	7,484	12,081	4,533
U.S .....	2,840,273	793,682	917	4,017,014	6,254,863	1,515,990
Guam .....	21,783	0	1	14,561	21,975	5,718
P.R .....	30,000	0	1	41,134	58,474	18,035
Total .....	2,892,056	793,682	919	4,072,709	6,335,312	1,539,743

<sup>1</sup> Preliminary, except total advances. State totals represent data for borrowers incorporated within the State.

<sup>2</sup> Actual funds advanced out of loans approved, as shown in table 702.

<sup>3</sup> Cumulative.

<sup>4</sup> Reported 919 borrowers.

Rural Electrification Administration.



**Table 702.—Rural Electrification Administration and Rural Telephone Bank: Telephone financing approved, route miles of line, and number of subscribers, by States, from organization (Oct. 28, 1949) to Jan. 1, 1980<sup>1</sup>**

State	Total financing				Route miles of line provided for by financing (total)	Subscribers provided for by financing		
	Borrowers	REA loans	RTB loans	REA guarantee commitments		Total	To receive initial service	To receive improved service
	Number	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number	Number	Number
Ala .....	23	98,444	42,624	11,934	17,602	113,649	96,729	16,920
Alaska ...	7	36,385	37,123	8,090	4,708	35,335	26,508	8,827
Ariz .....	4	32,615	52,419	0	11,800	85,726	67,333	18,393
Ark .....	19	72,356	36,760	25,244	22,850	154,462	108,977	45,485
Calif .....	12	52,101	23,536	10,440	9,122	88,083	69,575	18,508
Colo .....	15	35,630	12,312	0	8,315	24,208	14,173	10,035
Conn .....	0	0	0	0	0	0	0	0
Del .....	0	0	0	0	0	0	0	0
Fla .....	9	37,663	26,096	49,958	11,431	88,045	74,639	13,406
Ga .....	30	186,332	79,360	51,103	45,754	282,382	232,595	49,787
Hawaii ...	0	0	0	0	0	0	0	0
Idaho .....	8	17,913	3,481	0	3,424	12,925	9,456	3,469
Ill .....	26	62,934	15,077	0	18,921	100,830	33,606	67,224
Ind .....	33	82,227	14,025	0	13,764	97,625	51,548	46,077
Iowa .....	77	106,702	12,684	0	28,497	139,105	29,870	109,235
Kans .....	33	139,141	33,334	0	39,976	127,267	42,912	84,355
Ky .....	17	167,822	37,867	16,000	25,229	196,658	161,493	25,175
La .....	19	59,398	21,765	13,925	9,460	73,495	61,733	11,762
Maine .....	10	21,616	15,891	5,300	5,826	54,573	40,469	14,104
Md .....	1	2,061	605	0	298	3,531	2,261	1,270
Mass .....	1	1,835	520	0	123	2,203	1,655	548
Mich .....	32	75,838	23,544	5,600	12,249	104,391	48,724	55,667
Minn .....	63	162,435	52,384	10,239	51,791	242,421	139,936	102,485
Miss .....	16	61,831	6,036	5,200	9,448	51,523	42,684	8,839
Mo .....	27	124,173	34,833	11,470	46,375	185,843	110,301	75,542
Mont .....	11	106,495	0	0	23,087	32,905	28,199	4,706
Nebr .....	33	70,333	16,790	0	19,685	60,124	16,963	43,161
Nev .....	4	5,235	3,190	0	1,078	4,253	2,849	1,404
N.H. ....	5	11,203	4,772	0	1,236	12,673	5,472	7,201
N.J. ....	3	14,295	19,494	6,500	2,151	26,214	21,612	4,602
N. Mex ..	8	45,462	0	0	6,954	12,708	7,240	5,468
N.Y. ....	28	37,947	29,884	23,645	10,997	112,809	29,877	82,932
N.C. ....	20	148,696	33,557	8,500	23,055	174,564	156,661	17,903
N. Dak ..	13	114,642	6,648	0	30,506	61,367	35,330	26,037
Ohio .....	15	15,780	2,177	0	2,311	18,456	9,477	8,979
Okla .....	32	117,599	60,344	2,744	27,188	121,395	77,497	43,898
Oreg .....	22	33,299	27,535	0	8,879	65,471	42,715	22,756
Pa .....	28	62,953	140,133	44,302	34,827	303,449	123,228	180,221
R.I. ....	0	0	0	0	0	0	0	0
S.C. ....	19	141,577	63,086	7,885	20,966	158,015	140,384	17,631
S. Dak ...	21	95,975	12,567	0	26,586	59,041	25,773	33,268
Tenn .....	21	166,307	50,151	14,358	24,282	180,987	153,754	27,233
Tex .....	59	326,419	73,500	30,531	78,650	299,633	223,534	76,099
Utah .....	4	16,550	2,663	0	2,258	9,929	8,358	1,571
Vt .....	4	3,887	4,523	0	741	7,101	4,487	2,614
Va .....	13	52,669	15,903	0	10,603	65,965	49,043	16,922
Wash .....	19	30,332	13,593	0	8,138	59,969	24,565	35,404
W. Va ...	10	43,275	3,326	5,250	7,380	52,056	32,732	19,324
Wis .....	94	182,824	89,856	23,700	41,254	257,419	115,072	142,347
Wyo .....	1	11,911	5,897	0	2,847	10,430	8,375	2,055
Guam .....	1	27,449	0	0	974	23,047	11,856	11,191
P.R. ....	1	35,527	0	0	5,063	95,330	60,348	35,582
U.S. ....	980	3,606,093	1,261,865	391,918	818,619	4,540,190	2,882,568	1,657,622

<sup>1</sup> State totals represent data for borrowers incorporated within the State.

Rural Electrification Administration.

Table 703.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, by States, 1978 and 1979<sup>1</sup>

State	Number of farms with telephone service		Percentage of farms with telephone service		Average monthly local telephone bill	
	1978	1979	1978	1979	1978	1979
	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>
Ala .....	50	50	87	89	11.90	11.50
Ariz .....	5	5	84	84	15.00	15.50
Ark .....	53	53	90	91	10.20	11.50
Calif .....	61	59	98	98	12.00	13.80
Colo .....	25	25	94	94	10.90	13.30
Conn .....	4	4	99	99	11.00	10.60
Del .....	3	3	97	97	10.40	10.60
Fla .....	32	33	92	93	13.00	14.50
Ga .....	51	51	93	95	12.00	12.90
Idaho .....	22	22	95	95	8.50	8.50
Ill .....	106	105	97	98	11.00	11.00
Ind .....	85	84	94	94	10.70	10.40
Iowa .....	121	120	98	99	8.90	11.00
Kans .....	69	69	95	95	8.30	9.20
Ky .....	90	87	91	91	10.00	10.00
La .....	33	33	92	93	11.80	12.80
Maine .....	7	7	97	97	10.20	10.60
Md .....	15	15	95	96	12.30	12.50
Mass .....	5	5	99	99	11.40	14.00
Mich .....	63	61	97	97	9.00	9.00
Minn .....	101	102	97	98	9.80	9.90
Miss .....	49	48	88	91	12.40	12.00
Mo .....	113	111	94	94	8.50	8.50
Mont .....	21	20	94	94	9.50	10.40
Nebr .....	63	61	96	97	9.00	10.50
Nev .....	2	2	90	90	8.60	8.20
N.H .....	3	3	97	97	11.10	12.30
N.J .....	7	7	98	98	10.50	10.80
N. Mex .....	9	9	76	80	12.40	13.00
N.Y .....	45	44	98	98	12.20	12.30
N.C .....	90	91	90	92	10.20	10.00
N. Dak .....	38	38	92	93	10.80	12.20
Ohio .....	92	91	94	94	12.10	11.50
Okla .....	67	67	92	92	9.00	9.20
Oreg .....	29	29	95	96	9.40	9.20
Pa .....	59	57	96	96	8.20	8.20
R.I .....	1	1	98	98	11.80	14.00
S.C .....	32	32	90	92	11.90	11.90
S. Dak .....	39	39	93	94	10.30	10.60
Tenn .....	87	96	91	92	9.90	10.20
Tex .....	135	132	83	83	10.00	10.00
Utah .....	12	12	94	95	9.80	9.60
Vt .....	6	6	97	97	10.50	10.00
Va .....	55	54	92	92	11.00	11.00
Wash .....	32	32	97	97	9.00	9.60
W. Va .....	17	18	89	90	10.60	11.00
Wis .....	93	93	97	98	10.20	9.90
Wyo .....	7	7	92	93	12.30	14.50
U.S .....	2,204	2,183	93	94	10.30	10.60

<sup>1</sup>Based on annual survey made in July and August, reporting data from the most recent bill—usually June or July.

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**Table 704.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, United States, 1965-1979<sup>1</sup>**

Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill	Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill
	<i>Thousands</i>	<i>Percent</i>	<i>Dollars</i>		<i>Thousands</i>	<i>Percent</i>	<i>Dollars</i>
1965 .....	2,688	77	4.98	1973 .....	2,454	87	6.45
1966 .....	2,557	79	5.08	1974 .....	2,474	88	7.16
1967 .....	2,578	80	5.15	1975 .....	2,253	91	7.87
1968 .....	2,505	82	5.30	1976 .....	2,249	92	9.00
1969 .....	2,479	83	5.55	1977 .....	2,226	92	9.62
1970 .....	2,469	84	5.72	1978 .....	2,204	93	10.30
1971 .....	2,479	85	5.96	1979 .....	2,183	94	10.60
1972 .....	2,459	86	6.27				

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

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## CHAPTER XI

# STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, cropland diversion and production adjustment programs, and marketing agreement and order programs for fruits and vegetables. Statistics for Federal Milk Marketing Order programs are contained in chapter VIII.

**Table 705.—Commodity Credit Corporation Price support granted on 1978 crop, United States and Territories<sup>1</sup>**

Commodity	Unit	Through Sept. 30, 1979	
		Quantity	Value
		<i>Millions</i>	<i>Million dollars</i>
Cotton, upland .....	Bale .....	1.5	334.0
Cotton, extra-long staple .....	.. do .....	( <sup>2</sup> )	14.1
Seed cotton, upland .....	Pound .....	14.0	6.1
Seed cotton, extra-long staple .....	.. do .....	.1	.1
Wheat .....	Bushel .....	255.4	588.7
Corn .....	.. do .....	640.7	1,263.9
Honey .....	Pound .....	38.0	14.2
Milk and butterfat:			
Butter .....	Pound .....	59.8	74.5
Cheese .....	.. do .....	12.4	16.8
Dried milk .....	.. do .....	202.1	155.4
Tobacco .....	.. do .....	129.4	202.3
Rice, rough .....	Cwt .....	27.1	173.2
Grain sorghum .....	Bushel .....	92.1	176.3
Peanuts, farmers' stock .....	Pound .....	520.4	101.9
Oats .....	Bushel .....	24.8	24.0
Barley .....	.. do .....	67.8	105.1
Beans, dry edible .....	Pound .....	.....	.....
Rye .....	Bushel .....	3.1	4.9
Soybeans .....	.. do .....	64.4	289.4
Sugar:			
Beets .....	Pound .....	2,789.1	471.3
Cane .....	.. do .....	2,149.7	318.4
Special purchase programs <sup>3</sup> .....		.....	362.0
<b>Total .....</b>			<b>4,696.6</b>

<sup>1</sup> Consists of loans made and acquisitions under commodity loan and purchase programs.

<sup>2</sup> Less than 50,000.

<sup>3</sup> Commodities included in "Special purchase programs" for 1978 crop are corn products, wheat products, rolled oats, vegetable oil products, blended food products, soya flour, feed for Government facilities, foundation seeds, sorghum grits, peanut products, milled rice, brown rice, and textured soya rice.

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Table 706.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1974-79<sup>1</sup>

Commodity	Unit	1974		1975		1976	
		Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged	Face amount
			<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Barley .....	1,000 bushels .....	6,869	7,269	9,185	8,419	19,224	22,025
Corn .....	1,000 bushels .....	76,783	85,273	146,978	161,606	277,734	417,357
Cotton .....	1,000 bales .....	2,464	303,578	701	109,204	952	164,040
Seed cotton .....	1,000 pounds .....	7,517	1,758	12,998	4,302	12,221	4,446
Dry beans .....	1,000 cwt .....	110	743	.....	.....	.....	.....
Flaxseed .....	1,000 bushels .....	63	158	.....	.....	.....	.....
Honey .....	1,000 pounds .....	12,511	2,616	.....	.....	.....	.....
Naval stores: Rosin .....	1,000 pounds .....	.....	.....	2,769	466	.....	.....
Oats .....	1,000 bushels .....	3,856	2,147	3,928	2,159	4,631	3,111
Peanuts .....	1,000 tons .....	535.9	196,841	567.9	223,151	426.9	170,975
Rice .....	1,000 cwt .....	9,256	73,030	21,460	184,162	23,415	145,504
Rye .....	1,000 bushels .....	196	177	87	74	144	159
Sorghum .....	1,000 bushels .....	3,912	4,237	8,794	9,111	21,298	29,332
Soybeans .....	1,000 bushels .....	35,554	78,125	.....	.....	22,471	56,426
Storage facility and equipment ..	.....	.....	92,067	.....	22,824	.....	49,186
Tobacco .....	1,000 pounds .....	23,415	27,067	262,617	320,964	283,405	378,027
Wheat .....	1,000 bushels .....	36,430	49,879	47,790	65,167	498,788	1,127,969

  

Commodity	Unit	1977		1978		1979	
		Quantity pledged	Face amount	Quantity pledged <sup>2</sup>	Face amount <sup>2</sup>	Quantity pledged <sup>2</sup>	Face amount <sup>2</sup>
			<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Barley .....	1,000 bushels .....	86,665	133,116	67,873	105,091	8,527	13,817
Corn .....	1,000 bushels .....	1,163,654	2,318,911	640,735	1,263,916	2,170	4,682
Cotton .....	1,000 bales .....	4,564	959,507	1,560	348,138	.....	.....
Seed cotton .....	1,000 pounds .....	13,490	5,809	14,169	6,177	.....	.....
Dry beans .....	1,000 cwt .....	.....	.....	.....	.....	.....	.....
Flaxseed .....	1,000 bushels .....	.....	.....	.....	.....	.....	.....
Honey .....	1,000 pounds .....	14,064	4,647	38,019	14,172	5,454	2,411
Naval stores: Rosin .....	1,000 pounds .....	.....	.....	.....	.....	.....	.....
Oats .....	1,000 bushels .....	82,679	79,206	24,849	24,035	4,950	4,817
Peanuts .....	1,000 tons .....	267.9	112,331	260.2	101,896	74.0	27,587
Rice .....	1,000 cwt .....	19,541	122,958	27,118	173,156	3,211	24,119
Rye .....	1,000 bushels .....	909	1,425	3,054	4,929	766	1,240
Sorghum grain .....	1,000 bushels .....	217,480	424,686	92,105	176,269	2,933	6,006
Soybeans .....	1,000 bushels .....	97,274	340,807	64,369	289,400	11	50
Storage facility and equipment ..	.....	.....	156,904	.....	646,413	.....	678,891
Tobacco .....	1,000 pounds .....	220,991	297,489	129,422	202,327	32,370	59,351
Wheat .....	1,000 bushels .....	590,941	1,357,888	255,366	583,669	55,595	126,840

<sup>1</sup>Includes loans made directly by Commodity Credit Corporation.<sup>2</sup>Loans through Sept. 30, 1979.

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Table 707.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1965-79<sup>1</sup>

Year	Barley	Butter and butter oil	Cheese	Corn	Cotton	Dry beans	Flaxseed	Sorghum grain	Nonfat dry milk
	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million bushels</i>	<i>1,000 bales</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million pounds</i>
1965 .....	18	32	( <sup>2</sup> )	530	10,155	0.1	5.2	493	181
1966 .....	7	.....	.....	156	8,389	( <sup>2</sup> )	9.1	332	( <sup>2</sup> )
1967 .....	6	153	80	138	1,247	.3	2.1	193	191
1968 .....	6	124	65	261	135	( <sup>2</sup> )	2.9	192	268
1969 .....	49	72	( <sup>2</sup> )	296	2,221	( <sup>2</sup> )	7.7	188	212
1970 .....	28	108	4	215	2,077	.1	19.1	163	119
1971 .....	36	104	7	144	( <sup>3</sup> )	( <sup>2</sup> )	24.0	58	80
1972 .....	9	108	0	140	( <sup>3</sup> )	0	7.7	37	26
1973 .....	1	18	0	70	( <sup>3</sup> )	0	.1	8	2
1974 .....	( <sup>2</sup> )	17	2	6	( <sup>3</sup> )	.....	.....	1	172
1975 .....	( <sup>2</sup> )	3	5	( <sup>2</sup> )	( <sup>3</sup> )	.....	.....	.....	442
1976 .....	.....	21	5	( <sup>2</sup> )	.....	.....	.....	( <sup>2</sup> )	453
1977 .....	( <sup>3</sup> )	198	95	1	( <sup>3</sup> )	.....	.....	1	708
1978 .....	1	207	35	77	( <sup>3</sup> )	.....	.....	37	658
1979 .....	3	177	5	100	( <sup>2</sup> )	.....	.....	45	529

  

Year	Oats	Peanuts <sup>4</sup>	Rice <sup>5</sup>	Rye	Soybeans	Tung oil	Wheat	Value of all commodities owned <sup>6</sup>
	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million bushels</i>	<i>Million dollars</i>
1965 .....	41	37	0.8	5.7	( <sup>2</sup> )	15	572	4,110
1966 .....	47	78	.4	8.2	.....	15	216	2,340
1967 .....	45	35	.1	6.7	7	9	109	1,005
1968 .....	46	6	( <sup>2</sup> )	9.0	53	12	100	1,064
1969 .....	76	6	6.4	11.7	178	26	168	1,784
1970 .....	146	2	6.9	17.6	80	42	233	1,594
1971 .....	199	10	4.9	24.0	( <sup>2</sup> )	38	372	1,118
1972 .....	172	8	.6	29.8	0	27	267	830
1973 .....	121	( <sup>2</sup> )	( <sup>2</sup> )	15.7	0	19	139	394
1974 .....	69	.....	.....	2.6	.....	1	15	188
1975 .....	36	365	( <sup>2</sup> )	( <sup>2</sup> )	.....	.....	( <sup>2</sup> )	402
1976 .....	3	92	19.1	.....	.....	.....	( <sup>2</sup> )	634
1977 .....	( <sup>3</sup> )	( <sup>3</sup> )	18.6	.....	.....	.....	34	1,104
1978 .....	2	.....	10.4	( <sup>3</sup> )	( <sup>3</sup> )	.....	50	1,186
1979 .....	3	.....	8.1	( <sup>2</sup> )	( <sup>3</sup> )	.....	50	1,237

<sup>1</sup>Commodities which were owned by CCC in some years but not shown in this table are as follows: Cottonseed and products, naval stores, wheat products, corn products, oat products, rice products, vegetable oil, honey, mixed feed, linseed oil, foundation seeds, and peanut products.

<sup>2</sup>Less than 500,000 units.

<sup>3</sup>Less than 50,000 units.

<sup>4</sup>Farmers' stock basis: Includes farmers' stock equivalent of shelled peanuts.

<sup>5</sup>Rough basis; includes milled rice in rough equivalent.

<sup>6</sup>The total value of all commodities owned by CCC, including price-supported commodities not shown and commodities acquired under programs other than price-support programs.

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Table 708.—Commodity Credit Corporation: Commodities outstanding under price-support loan as of Dec. 31, 1965-79<sup>1</sup>

Year <sup>2</sup>	Barley	Corn	Cotton <sup>3</sup>	Dry beans	Flaxseed	Sorghum grain	Oats
	<i>Million bushels</i>	<i>Million bushels</i>	<i>1,000 bales</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1965 .....	20	459	4,002	0.5	8.5	108	73
1966 .....	16	392	1,674	2.7	1.6	54	57
1967 .....	38	418	539	.5	2.2	67	56
1968 .....	114	633	2,165	1.4	5.0	107	113
1969 .....	106	567	2,452	1.5	9.4	76	194
1970 .....	100	454	1,492	1.1	8.9	43	235
1971 .....	108	761	572	.7	5.6	114	223
1972 .....	97	735	2,411	.7	.4	58	199
1973 .....	22	190	900	.1	.1	14	46
1974 .....	4	49	960	.1	( <sup>4</sup> )	2	3
1975 .....	6	110	333	.....	.....	6	3
1976 .....	12	206	2,186	.....	.....	16	4
1977 .....	65	765	2,576	.....	.....	157	60
1978 .....	94	1,038	919	.....	.....	149	68
1979 .....	112	1,570	171	.....	.....	156	44

  

Year <sup>2</sup>	Peanuts	Rice	Rye	Soybeans	Tobacco	Wheat	Value of all loans outstanding <sup>5</sup>
	<i>Million pounds</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million bushels</i>	<i>Million dollars</i>
1965 .....	420	7.8	4.7	65	1,126	181	2,598
1966 .....	450	11.6	1.6	115	1,008	153	2,069
1967 .....	393	12.7	1.5	181	1,147	252	2,355
1968 .....	340	17.7	3.6	330	1,103	536	3,605
1969 .....	349	18.7	4.8	257	1,138	706	3,628
1970 .....	768	15.4	8.2	144	1,224	477	2,973
1971 .....	882	23.4	14.8	140	1,061	486	3,186
1972 .....	878	15.0	12.8	71	746	305	2,438
1973 .....	956	13.6	.6	99	561	32	11,266
1974 .....	995	6.1	.1	19	305	20	681
1975 .....	1,135	8.9	.1	( <sup>4</sup> )	335	32	871
1976 .....	841	10.5	.1	13	585	223	1,786
1977 .....	302	15.0	.6	68	665	740	5,414
1978 .....	243	19.1	2.5	44	644	588	5,655
1979 .....	104	140.1	3.6	328	875	844	606

<sup>1</sup> Commodities which were under loan on Dec. 31 in some years but not shown in this table are as follows: Cottonseed, honey, naval stores, tung oil, and almonds.

<sup>2</sup> Not necessarily from the crop of the year shown; may include quantities under resale from crop of previous years.

<sup>3</sup> Includes extra-long staple.

<sup>4</sup> Less than 500,000 units.

<sup>5</sup> Value of all commodities outstanding under loan, including those not shown.

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Table 709.—Commodity Credit Corporation: Loan transactions for fiscal year 1979, by commodities<sup>1</sup>

Commodity	Unit	Loans outstanding Oct. 1, 1978 <sup>2</sup>	New loans made	Repayments	Collateral acquired in settlement	Loan written off <sup>3</sup>	Loan outstanding Sept. 30, 1979	
							Value <sup>2</sup>	Quantity collateral remaining pledged
Basic commodities:								
Corn .....	Bushel	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 units
Cotton .....	Bale	1,280,363	1,379,535	1,192,990	161,988	4,251	1,300,670	665,613
Seed cotton .....	Pound	163,417	346,882	419,636	398	11	80,254	365
Peanuts .....	Ton	14,294	115,048	85,531	146	16,947	26,718	144,009
Rice .....	Cwt	27,249	169,719	171,615	3	.....	25,950	3,400
Tobacco .....	Pound	761,223	228,714	71,412	.....	5,362	903,163	691,070
Wheat .....	Bushel	1,318,305	367,590	867,328	1,234	1,525	867,109	961,232
Total .....	.....	3,544,851	2,613,965	2,814,689	163,769	28,096	3,152,264	.....
Designated nonbasic commodities:								
Barley .....	Bushel	117,148	75,006	79,023	2,952	166	110,014	72,417
Barley .....	do	278,173	132,008	216,800	61,492	224	131,665	69,611
Honey .....	Pound	4,971	11,592	13,302	.....	.....	3,262	7,791
Oats .....	Bushel	61,897	15,912	33,295	1,326	201	42,987	45,295
Rye .....	do	3,513	2,822	3,171	304	37	2,822	1,748
Sugar, beet .....	Pound	51,754	471,305	357,214	.....	.....	166,845	980,616
Sugar, cane .....	do	131,392	285,323	91,633	88,318	.....	236,764	1,591,906
Total .....	.....	648,848	993,968	794,438	154,392	628	693,359	.....
Other nonbasic commodities:								
Soybeans .....	Bushel	36,681	288,744	284,777	18	422	40,207	8,943
Naval stores (rosin) .....	Pound	.....	.....	.....	.....	.....	.....	.....
Total .....	.....	36,681	288,744	284,777	18	422	40,207	.....
Other loans:								
Storage facility and equipment .....	.....	799,261	678,891	153,772	.....	254	1,324,126	.....
Total .....	.....	799,261	678,891	153,772	.....	254	1,324,126	.....
Grand total .....	.....	5,029,641	4,575,568	4,047,676	318,179	29,400	5,209,956	.....

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<sup>1</sup> Loans made directly by Commodity Credit Corporation.<sup>2</sup> Book value of outstanding loans; includes face amounts and any charges paid.<sup>3</sup> Includes transfers to accounts receivable.



Table 710.—Commodity Credit Corporation: Loans made in fiscal year 1979, by States and Territories<sup>1</sup>

State or Territory	Barley	Corn	Cotton	Sorghum	Peanuts	Tobacco	Wheat	Other <sup>2</sup>	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....		1,181	2,055				34	8,045	11,815
Alaska.....								60	60
Ariz.....	21	169	20,817	183			326	237	21,753
Ark.....		227	7,979	3,586			160	126,046	137,998
Calif.....	1,272	524	65,284	36			756	142,337	210,209
Colo.....	778	18,883		2,064			15,900	170,801	208,426
Conn.....								62	62
Del.....		254						296	550
Fla.....		1,235	29	10	757		2	179,872	181,905
Ga.....	6	10,709	5,336	12	71,148		178	14,304	101,693
Idaho.....	8,910	94					15,869	5,340	30,213
Ill.....	22	81,810		347			1,029	72,235	155,443
Ind.....	7	53,556		66			341	43,562	97,532
Iowa.....		258,023		289			23	173,834	431,674
Kans.....	109	38,533		34,021			150,043	18,582	241,288
Ky.....		7,585		177		92,990	143	10,875	111,710
La.....		15	5,507				113	80,693	86,328
Maine.....		2						933	935
Md.....	115	4,013					25	2,315	6,468
Mass.....						55		131	186
Mich.....	49	40,291					657	60,002	100,999
Minn.....	25,924	182,903		70			47,146	266,376	522,419
Miss.....		66	27,159	31			23	28,472	55,756
Mo.....	5	38,568	287	14,862			2,305	58,474	114,481
Mont.....	13,051	16					62,536	9,057	84,710
Nebr.....	101	322,339		30,701			22,422	76,490	452,053
Nev.....	32		133				3	33	201
N.H.....								61	61
N.J.....	12	1,135					22	1,747	2,916
N. Mex.....		1,835	12,747	1,018	13		1,519	600	17,782
N.Y.....	26	9,282					239	8,376	17,923
N.C.....	36	8,567	2,322	116	6	87,808	112	11,622	110,589
N. Dak.....	40,213	12,514					125,933	49,624	228,084
Ohio.....		14,891		2		1,500	401	31,132	47,926
Okla.....	70	176	7,151	2,049			47,158	4,300	60,904
Oreg.....	1,114						4,693	1,619	7,426
Pa.....	19	5,264					24	7,642	12,949
P.R.....						1,809		32,616	34,425
S.C.....	34	5,225	3,958	53			55	8,473	17,798
S. Dak.....	8,633	57,952		7,091			51,699	48,483	178,858
Tenn.....	5	3,468	517	141		18,225	175	13,926	36,457
Texas.....	17	21,482	193,040	79,334	11,991		15,704	50,835	372,403
Utah.....	375	48					1,348	90,405	92,176
Vt.....								637	637
Va.....	239	5,196	14	8	17,981		43	8,009	31,490
Wash.....	3,569	635					16,878	2,349	23,431
W. Va.....		246						856	1,102
Wis.....	140	54,936		2			139	50,812	106,029
Wyo.....	187	218					2,433	1,166	4,004
Total.....	105,091	1,263,916	354,315	176,269	101,896	202,327	588,669	1,974,254	4,766,737

<sup>1</sup> Loans made directly by Commodity Credit Corporation. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association.

<sup>2</sup> Includes storage facility loans.

Agricultural Stabilization and Conservation Service.

Table 711.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 1979

Program and commodity	Quantity					Value				
	Inventory Oct. 1, 1978	Purchases	Collateral acquired from loans	Sales <sup>1</sup>	Inventory Sept. 30, 1979	Inventory Oct. 1, 1978	Purchases	Collateral acquired from loans	Sales proceeds	Inventory Sept. 30, 1979
Feed grains:	Thousands	Thousands	Thousands	Thousands	Thousands	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Barley .....	793	164	1,947	28	2,863	1,253	26	3,116	34	4,587
Corn .....	13,075	10,209	81,046	4,225	99,688	26,654	25,083	169,666	12,948	208,648
Corn products .....		111,824		106,083			10,915		10,499	
Grain sorghum .....	13,085	1,631	30,562	1,372	43,636	23,020	3,983	64,248	3,912	92,281
Sorghum grist .....		67,214		67,214			6,452		6,581	
Oats .....	1,520	76	1,350	72	2,579	1,556		1,435	88	2,692
Oats, rolled .....		45,903		42,064			6,395		6,428	
Rye .....	2	2	188	11	181	3	3	309	17	299
Total feed grains .....					57,491	53,609	238,774	40,477	306,507	
Wheat .....	49,857	9,839	522	10,316	49,865	118,575	38,759	1,282	41,974	118,231
Wheat flour .....		578,699		439,362			65,062		56,737	
Wheat products, other .....		826,141		817,545			84,391		84,238	
Rice, milled .....		364		1,732	2		6,425		23,447	27
Rice, rough .....	10,899	( <sup>2</sup> )	( <sup>2</sup> )	246	8,467	94,449	( <sup>2</sup> )	2	1,631	73,070
Rice, textured soy blend .....		5,666		17,456	26		1,121		3,643	5
Rice, brown .....	( <sup>2</sup> )		2	5,067	1	84		496	1,008	187
Cotton, extra long staple and upland .....										
Dairy products:										
Butter .....	234,559	61,860		72,357	174,198	239,877	74,479		87,489	188,091
Cheese .....	52,611	13,845		63,707	3,700	54,517	16,901		82,361	4,222
Milk, dried .....	676,523	196,418		276,870	527,298	466,270	156,393		72,910	377,471
Total dairy products .....						750,664	246,673		242,710	569,794

[illegible]

<sup>1</sup> Sales do not reflect commodity donations.

2500 or less.

<sup>3</sup> Negative figure.

**Agricultural Stabilization and Conservation Service.**

Table 712.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1979

Commodity	Export		Domestic					Total export and domestic
	Public law 480 Title II	Total export	Dollar sales	Transfers to other Government agencies	Donations <sup>1</sup>	Inventory adjustments and other recoveries (domestic)	Total domestic	
Feed grains:	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Barley .....	10,671	10,671	38	66	.....	.....	38	38
Corn .....	10,295	10,295	1,960	.....	.....	.....	2,074	12,745
Corn products .....	3,453	3,453	.....	.....	626	.....	626	10,921
Grain sorghum .....	6,451	6,451	214	.....	546	.....	762	4,215
Sorghum grita .....	.....	.....	.....	.....	(2)	.....	1	6,452
Oats .....	6,300	6,300	49	8	256	7	320	320
Oats, rolled .....	40,751	40,751	.....	.....	595	2	597	6,897
Wheat .....	55,593	55,593	242	.....	6	51	299	41,050
Wheat flour .....	82,637	82,637	.....	.....	9,487	16	9,503	65,096
Wheat products, other .....	21,298	21,298	.....	.....	1,751	20	1,771	84,408
Rice, milled .....	.....	.....	.....	4,458	1,840	28	6,326	27,624
Rice, rough .....	.....	.....	2,126	.....	.....	87	2,213	2,213
Rice, brown and textured soy blend .....	3,609	3,609	.....	1,005	112	.....	1,117	4,726
Colton, extra long staple and upland .....	.....	.....	332	.....	.....	.....	332	332
Rye .....	.....	.....	17	.....	.....	(3)	17	17
Dairy products:	.....	.....	.....	.....	.....	.....	.....	.....
Butter .....	.....	.....	18,422	56,871	52,592	164	128,049	128,049
Cheese .....	.....	.....	991	76,098	19,988	3134	96,943	96,943
Milk, dried .....	99,438	125,887	89,106	23,983	8,874	1,402	73,370	199,257
Oils and oilseeds:	.....	.....	.....	.....	.....	.....	.....	.....
Peanut products .....	.....	.....	.....	5,313	4,425	45	9,783	9,783
Peanut butter .....	.....	.....	.....	7,836	4,801	12	12,649	12,649
Peanuts, farmer's stock .....	.....	.....	345	.....	7	.....	352	352
Peanut oil, crude .....	.....	.....	4,875	.....	.....	670	5,545	5,545
Peanut oil, refined .....	.....	.....	.....	3,273	561	4	292	292
Soya flour .....	527	527	.....	.....	.....	(3)	527	527
Soybeans .....	.....	.....	5	.....	.....	.....	5	5



Blended foods .....	63,452	63,452	.....	.....	.....	45	45	63,497
Grains and seeds:								
Feed for Government facilities	.....	.....	.....	.....	.....	.....	144	144
Foundation seeds .....	.....	.....	.....	.....	.....	.....	116	116
Sugar, cane .....	.....	.....	.....	.....	.....	.....	.....	.....
Vegetable oil products .....	84,397	84,397	.....	.....	.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Total .....	488,872	515,321	68,838	194,731	119,097	2,566	31,943	116,340
							385,232	900,549

<sup>1</sup> Includes donations under Sections 202, 407, 416, Section 210, PI 85-540 and miscellaneous donations under various other authorizations.

<sup>2</sup> \$500 or less.

<sup>3</sup> Negative figure.

Agricultural Stabilization and Conservation Service.

Table 713.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1965-79

Date	Inventory after reevaluation	Loans held by CCC	Loans financed by lending agencies	Total loans outstanding	Total investment
1965:	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
March .....	4,172.8	2,390.9	627.2	3,018.1	7,190.9
June .....	3,892.2	2,075.3	419.1	2,494.4	6,386.6
September .....	4,485.8	1,566.6	181.5	1,748.1	6,233.9
December .....	4,108.9	2,065.5	532.5	2,598.0	6,706.9
1966:					
March .....	3,570.7	2,184.4	603.4	2,787.8	6,358.5
June .....	3,112.9	1,344.1	855.3	2,199.4	5,312.3
September .....	3,159.4	1,182.4	206.2	1,388.6	4,548.0
December .....	2,337.1	1,542.1	526.6	2,068.7	4,405.8
1967:					
March .....	1,945.5	1,064.8	943.3	2,008.1	3,953.6
June .....	1,858.4	482.0	1,021.1	1,503.1	3,361.5
September .....	1,518.6	401.0	979.2	1,380.2	2,898.8
December .....	997.0	618.6	1,736.7	2,355.3	3,352.3
1968:					
March .....	920.4	928.5	1,589.2	2,517.7	3,438.1
June .....	912.7	1,344.7	923.5	2,268.2	3,180.9
September .....	987.6	1,504.4	890.4	2,394.8	3,382.4
December .....	1,057.2	2,456.3	1,148.7	3,605.0	4,662.2
1969:					
March .....	1,032.7	2,772.2	1,292.0	4,064.2	5,096.9
June .....	1,244.5	1,744.5	1,589.5	3,334.0	4,578.5
September .....	1,927.4	2,179.4	565.3	2,744.7	4,672.1
December .....	1,782.6	3,285.8	342.4	3,628.2	5,410.8
1970:					
March .....	1,696.6	3,529.0	195.7	3,724.7	5,421.3
June .....	1,858.1	2,788.3	.....	2,788.3	4,646.4
September .....	1,894.0	2,294.5	.....	2,294.5	4,188.5
December .....	1,593.5	2,973.4	.....	2,973.4	4,566.9
1971: <sup>1</sup>					
March .....	1,208.7	2,538.8	.....	2,838.8	4,047.5
June .....	1,207.9	1,850.1	.....	1,850.1	3,058.0
September .....	1,229.9	1,971.8	.....	1,971.8	3,201.7
December .....	1,118.2	3,186.0	.....	3,186.0	4,304.2
1972:					
March .....	1,055.0	3,122.0	.....	3,122.0	4,177.0
June .....	1,090.1	2,277.4	.....	2,277.4	3,367.5
September .....	972.3	1,955.1	.....	1,955.1	2,927.4
December .....	829.6	2,438.4	.....	2,438.4	3,268.0
1973:					
March .....	660.0	2,088.7	.....	2,088.7	2,748.7
June .....	478.7	1,143.9	.....	1,143.9	1,622.6
September .....	439.4	703.9	.....	703.9	1,143.3
December .....	393.7	1,265.9	.....	1,265.9	1,659.6
1974:					
March .....	359.3	885.8	.....	885.8	1,245.1
June .....	114.2	449.2	.....	449.2	563.4
September .....	172.8	394.6	.....	394.6	567.4
December .....	188.2	681.8	.....	681.8	870.0
1975:					
March .....	253.5	619.2	.....	619.2	872.7
June .....	416.1	333.6	.....	333.6	749.7
September .....	453.7	506.5	.....	506.6	960.2
December .....	402.4	871.0	.....	871.0	1,273.4
1976:					
March .....	555.8	762.2	.....	762.2	1,318.0
June .....	658.6	480.5	.....	480.5	1,339.1
September .....	607.2	707.7	.....	707.7	1,314.9
December .....	634.3	1,786.5	.....	1,786.5	2,420.8
1977:					
March .....	682.9	1,990.5	.....	1,990.5	2,673.4
June .....	824.9	2,142.7	.....	2,142.7	2,967.6
September .....	984.9	3,009.0	.....	3,009.0	3,993.9
December .....	1,104.4	5,414.0	.....	5,414.0	6,518.4
1978:					
March .....	1,052.5	5,827.9	.....	5,827.9	6,880.4
June .....	1,068.3	4,591.3	.....	4,591.3	5,659.6
September .....	1,029.0	4,230.4	.....	4,230.4	5,259.4
December .....	1,185.9	5,655.6	.....	5,655.6	6,841.5
1979:					
March .....	1,186.2	6,245.4	.....	6,245.4	7,431.6
June .....	1,192.4	5,328.4	.....	5,328.4	6,520.8
September .....	1,162.2	3,885.8	.....	3,885.8	5,048.0
December .....	1,236.8	4,954.6	.....	4,954.6	6,191.5

<sup>1</sup> Since 1971, reflects total CCC loans and inventories.

Table 714.—Agricultural Stabilization and Conservation programs: Number of payees and payments received, by States, 1979<sup>1</sup>

State	Payees	Payments	State	Payees	Payments	State	Payees	Payments
	<i>Number</i>	<i>1,000 dollars</i>		<i>Number</i>	<i>1,000 dollars</i>		<i>Number</i>	<i>1,000 dollars</i>
Tex .....	120,643	313,425	Ga .....	21,636	18,054	Md .....	3,043	2,128
Nebr .....	75,706	141,522	Wash .....	7,380	16,913	W. Va .....	9,176	2,041
Kans .....	90,447	123,525	Mich .....	27,009	15,615	Nev .....	537	1,345
Iowa .....	96,584	79,437	Miss .....	15,266	12,918	Vt .....	2,358	1,220
Minn .....	61,199	78,744	Ala .....	16,098	12,126	N.J .....	1,523	807
Calif .....	11,933	61,379	Ohio .....	27,758	10,594	Hawaii .....	338	750
S. Dak .....	43,917	53,580	Ariz .....	5,795	9,112	N. H .....	974	618
N. Dak .....	35,885	45,393	N. Y .....	12,587	9,069	Mass .....	1,193	595
Okla .....	33,885	40,027	Tenn .....	18,616	8,561	P. R .....	896	591
Colo .....	15,354	35,367	Oreg .....	6,727	8,480	Conn .....	839	458
Ill .....	56,468	33,182	N. C .....	33,855	8,358	Del .....	561	365
Ark .....	22,798	32,577	Wyo .....	3,501	7,530	Alaska .....	122	273
Mont .....	15,667	32,256	Ky .....	18,927	6,709	R. I .....	199	78
Mo .....	49,718	31,393	S. C .....	11,513	6,507	V. I .....	14	15
Wisc .....	36,082	28,594	Pa .....	13,215	6,081	Undistributed .....		2,942
Idaho .....	9,359	21,149	Va .....	17,592	5,946			
N. Mex .....	9,514	20,896	Fla .....	6,703	5,826			
La .....	17,442	20,197	Maine .....	2,578	5,544			
Ind .....	35,024	18,158	Utah .....	5,928	5,249			
						Total .....	1,132,082	1,404,219

<sup>1</sup> States are arranged according to size of payments.

Agricultural Stabilization and Conservation Service.

Table 715.—Agricultural, Stabilization and Conservation Service program: Payments to producers, by program and commodity, United States, 1975-79

Program and commodity	1975	1976	1977	1978	1979
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Feed grain .....	278,765	195,545	187,238	1,172,070	493,952
Rice .....		87	130,253	2,624	58,761
Wheat .....	76,975	135,370	887,307	962,663	113,541
Cotton, upland .....	134,436	106,729	88,539	126,677	184,949
Cotton, extra-long staple .....	3,802	1,560	452		
Sugar .....	63,977	2,896	3	<sup>12</sup> (1)	
Wool and mohair .....	14,683	41,632	7,056	28,793	35,995
Milk indemnity .....	140	121	41	78	54
Beekeepers indemnity .....	3,379	3,108	3,461	4,904	2,872
Cropland conversion .....	115				
Conservation reserve .....	<sup>12</sup> (2)				
Cropland adjustment .....	37,188	19,860	<sup>12</sup> (3)		
Appalachian region conservation .....	135	114	48	45	233
Agricultural conservation (REAP, RECP) .....	175,720	181,600	181,800	178,246	156,435
Forestry incentive .....	2,384	7,848	10,982	12,721	15,129
Emergency conservation measures .....	5,913	14,604	16,465	16,215	23,343
Drought and flood conservation .....			116,148	30,332	2,988
Waterbank .....	2,034	2,512	4,578	5,587	7,219
Miscellaneous .....		<sup>12</sup> (219)	<sup>12</sup> (64)	<sup>12</sup> (179)	
Public access .....	1,402				
Hay and cattle transportation payments .....		12,671	34,011	<sup>12</sup> (251)	
Emergency feed .....			16,543	163,998	58,649
Emergency livestock feed .....			56,751		
Extended storage .....					225,950
Potato diversion .....					24,159
Grand total .....	801,046	726,038	1,741,659	2,704,512	1,404,219

<sup>1</sup> Prior year adjustments.<sup>2</sup> Credit.<sup>3</sup> Includes Forestry Incentive Program.

Agricultural Stabilization and Conservation Service.

Table 716.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions): Number of farms and payees, producer net payment, production for payment, and average payment per farm and per payee, United States, 1978 and 1979 programs

Item	Unit	Total all commodities (net)	Feed grains				Wheat	Cotton	Rice
			Total (net)	Corn	Grain sorghum	Barley			

  

Section I: Total farm data

1978 PROGRAM									
Farms	Number	171,093	70,310	35,723	30,118	6,760	61,315	59,769	256
Payees	Number	292,183	107,124	47,241	53,113	9,316	104,468	105,274	630
Production for payment	Bushels/pounds <sup>1</sup>	358,125,376	82,916,842	366,665,516	37,387,909	8,881,538	86,739,558	187,808,778	655,366
Average payment per farm	Dollars	2,093	1,179	365,665,616	33,476,556	8,749,147	51,843,263	85,693,338	23,429,526
Average payment per payee	Dollars	1,263	774	1,028	1,241	1,314	1,416	3,142	2,599
	Dollars			776	700	905	830	1,784	978
1979 PROGRAM (as of May 1, 1980)									
Farms	Number	89,197	27,889	13,297	10,125	5,192	37,340	30,801	256
Payees	Number	149,426	40,565	19,568	17,634	7,365	63,491	56,284	602
Production for payment	Bushels/pounds <sup>1</sup>	211,986,639	33,563,040	15,730,637	12,283,444	5,548,943	72,066,776	105,401,477	957,382
Average payment per farm	Dollars	2,377	1,203	15,070,665	10,706,374	4,930,597	42,823,625	648,966,927	31,701,341
Average payment per payee	Dollars	1,419	828	1,163	1,213	1,069	1,930	3,412	3,740
	Dollars			949	697	763	1,135	1,873	1,590

  

Section II: Prevented planting farm data

1978 PROGRAM									
Farms	Number	8,386	6,361	4,544	1,634	925	2,081	228	5
Payees	Number	11,851	8,885	6,259	1,472	1,347	3,047	317	7
Production for payment	Bushels/pounds <sup>1</sup>	10,810,030	7,029,301	3,494,829	1,550,321	1,933,553	2,623,821	1,077,531	74,386
Average payment per farm	Dollars	1,289	1,105	4,992,598	2,040,992	2,644,722	2,326,396	6,226,491	2,619,256
Average payment per payee	Dollars	912	791	769	1,500	2,144	1,263	4,726	14,877
	Dollars			568	1,054	1,473	863	3,399	10,627
1979 PROGRAM (as of May 1, 1980)									
Farms	Number	4,213	3,072	2,150	438	523	854	508	13
Payees	Number	5,673	3,885	2,504	662	773	1,267	826	30
Production for payment	Bushels/pounds <sup>1</sup>	5,384,814	2,907,264	1,684,338	487,398	735,527	1,463,781	871,896	136,865
Average payment per farm	Dollars	1,278	946	2,307,327	624,372	919,413	1,299,809	4,541,138	4,631,980
Average payment per payee	Dollars	949	748	783	1,113	1,406	1,720	1,716	10,628
	Dollars			673	736	952	1,159	1,066	4,562



Section III: Low yield farm data									
1978 PROGRAM					1979 PROGRAM (as of May 1, 1980)				
Farms	164,192	64,506	31,510	29,198	5,907	59,525	59,592	251	
Payees	272,579	98,928	41,372	52,085	8,560	101,850	105,025	673	
Producer net payment	347,319,361	75,886,553	33,151,706	35,836,883	6,897,995	84,110,719	186,731,151	590,990	
Production for payment	.....	.....	31,573,024	31,435,867	6,104,424	49,476,870	79,370,846	20,809,070	
Average payment per farm	2,115	1,176	1,052	1,228	1,168	1,413	3,133	2,355	
Average payment per payee	1,274	767	801	688	806	826	1,778	878	
Farms	85,705	25,154	11,342	9,761	4,710	36,606	30,473	246	
Payees	144,794	37,115	14,283	17,077	6,671	62,400	55,608	577	
Producer net payment	206,603,835	30,655,779	14,046,326	11,796,049	4,813,417	70,579,998	104,529,578	820,518	
Production for payment	.....	.....	12,769,330	10,032,106	4,011,187	41,528,219	544,424,893	27,169,361	
Average payment per farm	2,411	1,219	1,208	1,022	1,022	1,929	3,430	3,335	
Average payment per payee	1,427	826	983	691	722	1,131	1,880	1,422	

<sup>1</sup> Feed grains and wheat are expressed in bushels; cotton is expressed in pounds.

Agricultural Stabilization and Conservation Service. Totals may not add due to rounding.

**Table 717.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions):  
Disaster payments, by States, 1977–79**

State	1977 Program				1978 Program				1979 Program <sup>1</sup>			
	Feed grain	Wheat	Cotton	Rice	Feed grain	Wheat	Cotton	Rice	Feed grain	Wheat	Cotton	Rice
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala .....	13,148	30	11,663	.....	880	3	2,294	.....	191	13	825	.....
Ariz .....	42	5	738	.....	18	1	1,186	.....	70	162	865	.....
Ark .....	53	108	1,022	181	119	88	11,191	91	30	546	4,192	182
Calif .....	3,870	3,008	125	2,891	1,835	1,195	27,288	269	357	604	269	7
Colo .....	4,747	12,174	.....	.....	3,721	7,195	.....	.....	1,266	5,734	.....	.....
Conn .....	( <sup>2</sup> )	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
Del .....	1,998	144	.....	.....	51	7	.....	.....	6	.....	.....	.....
Fla .....	9,853	.....	103	.....	462	2	24	.....	386	1	3	.....
Ga .....	45,981	39	11,824	.....	4,701	10	884	.....	890	42	790	.....
Idaho .....	5,184	6,866	.....	.....	1,700	1,138	.....	.....	831	2,247	.....	.....
Ill .....	9,962	122	( <sup>2</sup> )	.....	1,890	1,182	.....	.....	329	372	.....	.....
Ind .....	1,266	256	.....	.....	937	530	.....	.....	1,686	87	.....	.....
Iowa .....	95,423	220	.....	.....	2,570	117	.....	.....	308	27	.....	.....
Kans .....	6,567	28,281	.....	.....	9,158	10,467	.....	.....	2,077	9,115	.....	.....
Ky .....	832	55	8	.....	538	57	19	.....	207	38	.....	.....
La .....	415	2	1,210	623	61	3	7,360	215	21	23	217	113
Maine .....	1,955	160	.....	.....	118	18	.....	.....	29	.....	.....	.....
Md .....	6	.....	.....	.....	1	.....	.....	.....	7	.....	.....	.....
Mass .....	4,220	789	.....	.....	2,079	810	.....	.....	603	82	.....	.....
Mich .....	1,217	503	.....	.....	1,785	1,123	.....	.....	3,021	1,878	.....	.....
Minn .....	1,734	70	4,568	1	79	8	9,363	.....	33	70	2,215	17
Mo .....	13,183	1,454	1,600	2	2,719	1,573	1,696	.....	506	1,196	1,104	1
Mont .....	3,049	6,244	.....	.....	1,573	2,728	.....	.....	1,082	8,686	.....	.....
Nebr .....	15,580	9,561	.....	.....	2,920	4,396	.....	.....	2,620	7,509	.....	.....
Nev .....	17	15	.....	.....	14	45	.....	.....	4	3	.....	.....
N.H .....	383	401	.....	.....	10	9	.....	.....	1	5	.....	.....
N.J .....	2,857	3,185	273	.....	3,687	4,507	2,596	.....	1,255	2,128	3,351	.....
N. Mex .....	717	32	.....	.....	226	125	.....	.....	189	6	.....	.....
N.C .....	19,606	302	2,480	( <sup>2</sup> )	584	33	450	.....	295	6	279	( <sup>2</sup> )
N. Dak .....	12,648	24,073	.....	.....	1,685	1,836	.....	.....	1,481	7,632	.....	.....
Ohio .....	498	187	.....	.....	298	936	.....	.....	155	54	.....	.....
Okla .....	1,753	8,637	1,087	.....	2,440	5,812	3,522	7	648	1,831	496	.....
Oreg .....	867	6,810	.....	.....	139	1,857	.....	.....	87	371	.....	.....
Pa .....	256	81	.....	.....	48	29	.....	.....	56	22	.....	.....
R.I .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S.C .....	9,100	62	6,178	( <sup>2</sup> )	2,001	10	648	.....	283	17	378	.....
S. Dak .....	8,886	13,224	.....	.....	2,531	7,215	.....	.....	1,829	13,513	.....	.....
Tenn .....	1,190	171	3,080	.....	237	108	1,650	.....	112	428	3,082	.....
Tex .....	20,744	9,752	22,872	194	25,937	30,608	117,630	83	8,181	3,855	87,383	688
Utah .....	1,067	2,129	.....	.....	290	235	.....	.....	124	733	.....	.....
Vt .....	489	3	.....	.....	1	.....	.....	.....	( <sup>2</sup> )	.....	.....	.....
Va .....	12,537	418	41	.....	197	30	6	.....	310	28	2	.....
Wash .....	5,777	18,755	.....	.....	40	1,768	.....	.....	50	2,248	.....	.....
W. Va .....	144	2	.....	.....	4	1	.....	.....	3	( <sup>2</sup> )	.....	.....
Wis .....	529	18	.....	.....	2,361	25	.....	.....	1,812	9	.....	.....
Wyo .....	498	2,470	.....	.....	217	559	.....	.....	100	785	.....	.....
U.S. <sup>3</sup> .....	341,425	160,822	68,822	3,891	82,916	86,740	187,809	665	33,563	72,067	105,401	957

<sup>1</sup> Data through May 1, 1980.

<sup>2</sup> \$500 or less.

<sup>3</sup> Totals may not add due to rounding.

Agricultural Stabilization and Conservation Service.

Table 718.—Fruit, vegetable, and tree nut marketing agreement and order programs

Program	Estimated number of commercial producers	Farm value
	<i>Number</i>	<i>1,000 dollars</i>
Citrus fruits (1978-79 season):		
California and Arizona Navel and miscellaneous oranges .....	4,360	162,022
California and Arizona Valencia oranges .....	3,840	124,828
California and Arizona Desert grapefruit .....	300	17,981
California and Arizona lemons .....	2,400	134,089
Florida oranges, grapefruit, tangerines, and tangelos <sup>1</sup> .....	14,000	1,253,979
Florida limes .....	160	11,642
Texas oranges and grapefruit .....	2,900	44,593
Deciduous fruits (1979 season):		
California Bartlett pears, plums, and freestone peaches .....	2,650	168,197
California nectarines .....	700	33,368
California olives .....	1,300	23,482
California Tokay grapes .....	400	26,409
Colorado peaches .....	200	2,704
Florida avocados .....	190	16,016
Georgia peaches .....	100	15,255
Washington apricots .....	210	840
Washington sweet cherries .....	1,200	41,814
Washington peaches .....	450	5,022
Washington, Oregon, and California winter pears .....	1,500	50,845
Washington and Oregon Bartlett pears .....	2,000	42,892
Washington and Oregon prunes .....	450	2,895
Cranberries .....	900	53,229
Tart cherries .....	4,000	70,823
Hawaiian papayas .....	180	9,997
Dried fruits (1979 season):		
California dates .....	143	11,760
California dried prunes .....	2,000	113,060
California raisins .....	4,800	332,400
Vegetables (1978-79 season):		
Florida celery .....	28	55,142
Florida tomatoes .....	185	218,940
Idaho and eastern Oregon onions .....	250	35,217
Texas lettuce .....	47	11,628
South Texas melons <sup>2</sup> .....	76	33,609
South Texas onions .....	180	31,536
Texas tomatoes .....	40	2,968
Potatoes (1978-79 season):		
Colorado .....	395	29,916
Idaho and eastern Oregon .....	2,000	236,358
Maine .....	1,281	100,206
Oregon and Northern California .....	464	89,141
Southeastern States (Virginia-North Carolina) .....	300	24,628
Washington .....	400	124,178
Nuts (1979 season):		
California almonds .....	6,580	558,700
California walnuts .....	6,000	168,100
Oregon and Washington filberts .....	1,200	11,765
Peanuts <sup>3</sup> .....	62,800	663,404
Hops (1979 season) .....	212	53,517
Total (47 Programs) .....	(4)	5,219,085

<sup>1</sup> Includes Indian River and Interior grapefruit programs.<sup>2</sup> Effective Apr. 13, 1979.<sup>3</sup> Marketing agreement only; covers States of Alabama, Florida, Georgia, Mississippi, South Carolina, Arizona, Arkansas, California, Louisiana, New Mexico, Oklahoma, Texas, Missouri, North Carolina, Tennessee, and Virginia.<sup>4</sup> Total not shown because of duplication by producers growing more than one commodity.

Agricultural Marketing Service.

## CHAPTER XII

# AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. Forestry statistics include area of private and public-owned forest land, timber production, imports and exports, pulpwood consumption and paper and board production, area burned over by forest fires, livestock grazing, and recreational use of national forest lands. Data on production, supply, and distribution of naval stores are included because of their close association with forestry statistics.

**Table 719.—Agricultural Conservation Program:<sup>1</sup> Assistance to farmers for carrying out conservation and pollution abatement practices, United States and Caribbean area, by program years, 1965-78 and fiscal year 1979**

Program year	Agricultural Conservation Program <sup>2</sup>	Emergency Conservation Program	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	217,169	14,291	231,460
1966 .....	211,125	6,680	217,805
1967 .....	222,170	4,263	226,433
1968 .....	200,252	9,296	209,547
1969 .....	185,945	7,341	193,285
1970 .....	181,186	8,536	189,722
1971 .....	146,706	15,124	161,831
1972 .....	196,753	4,232	200,985
1973 .....	195,600	24,930	220,529
1974 .....	74,475	8,560	83,035
1975 .....	138,700	7,405	146,105
1976 .....	134,731	15,142	149,873
1977 .....	175,347	18,952	194,299
1978 .....	180,940	16,318	197,258
1979 <sup>3</sup> .....	245,843	23,418	269,261

<sup>1</sup> From 1971 to 1973, the Rural Environmental Assistance Program was successor to the Agricultural Conservation Program. In 1974, the Rural Environmental Conservation Program was successor to REAP. In 1975, ACP was successor to RECP.

<sup>2</sup> Excludes administrative expenses. Includes Naval Stores Conservation Program, 1964-72. Includes Forestry Incentive Program in 1974, and Long-Term Agreements from 1975.

<sup>3</sup> Because of the change to fiscal year funding in 1979, data for the period October 1, 1978 - December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.



Table 720.—Agricultural Conservation Program: Participation and assistance, by States and Caribbean area, 1979 fiscal year<sup>1</sup>

State or Territory	Participating farms	Area served	Assistance				Emergency Conservation Program	
			Regular	Long term	Emergency Conservation Program	Total gross assistance	Participating farms	Area served
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 acres</i>
Ala .....	10,605	343	6,176	125	909	7,210	1,078	74
Alaska .....	129	4	326	13	.....	339	.....	.....
Ariz .....	976	359	2,561	131	3,014	5,706	391	86
Ark .....	10,063	376	4,893	145	59	5,097	40	10
Calif .....	2,967	353	6,123	317	7,152	13,592	1,028	230
Colo .....	4,026	924	6,229	337	86	6,652	418	58
Conn .....	1,524	34	503	31	5	539	2	( <sup>2</sup> )
Del .....	318	13	270	11	.....	281	.....	.....
Fla .....	6,603	304	4,989	54	407	5,450	301	18
Ga .....	11,351	210	7,096	116	175	7,387	215	7
Hawaii .....	302	47	585	6	275	866	87	57
Idaho .....	3,794	264	3,648	261	64	3,973	84	10
Ill .....	7,062	308	9,170	733	233	10,136	296	28
Ind .....	5,672	171	5,573	121	165	5,859	91	8
Iowa .....	11,514	279	8,818	497	197	9,512	434	14
Kans .....	7,691	503	6,868	211	188	7,267	154	14
Ky .....	12,905	252	6,557	188	95	6,840	143	10
La .....	6,501	283	3,806	207	136	4,149	160	27
Maine .....	2,972	50	3,243	63	139	3,445	89	4
Md .....	1,510	37	1,151	90	1	1,242	2	( <sup>2</sup> )
Mass .....	908	22	589	( <sup>3</sup> )	11	600	6	( <sup>2</sup> )
Mich .....	10,886	297	6,465	212	55	6,732	57	2
Minn .....	7,592	246	6,539	195	239	6,973	344	24
Miss .....	10,391	304	4,549	105	391	5,045	589	37
Mo .....	16,550	516	10,045	178	137	10,360	151	10
Mont .....	5,746	1,492	7,364	173	1,177	8,714	406	215
Nebr .....	9,401	812	7,195	276	610	8,081	295	34
Nev .....	496	74	1,116	36	30	1,182	10	7
N.H. ....	843	17	788	10	27	825	13	( <sup>2</sup> )
N.J. ....	1,480	58	740	16	16	772	1	( <sup>2</sup> )
N. Mex .....	2,308	844	3,015	218	315	3,548	263	22
N.Y. ....	7,889	154	6,283	441	67	6,791	63	1
N.C. ....	35,720	419	4,927	37	488	5,452	759	7
N. Dak .....	15,376	1,161	6,937	63	356	7,356	605	152
Ohio .....	9,377	232	6,321	283	18	6,622	28	1
Okla .....	11,299	761	7,825	300	142	8,267	159	29
Oreg .....	2,689	290	4,245	146	160	4,551	134	45
Pa .....	7,864	156	6,405	251	86	6,742	105	2
R.I. ....	154	6	63	.....	.....	63	.....	.....
S.C. ....	8,112	168	2,884	31	.....	2,915	.....	.....
S. Dak .....	11,984	786	5,066	91	315	5,472	375	83
Tenn .....	15,789	257	5,631	230	743	6,604	775	45
Tex .....	24,807	2,862	20,261	488	3,619	24,368	1,931	979
Utah .....	2,576	251	2,037	108	16	2,161	4	( <sup>2</sup> )
Vt .....	2,735	60	1,373	26	47	1,446	38	1
Va .....	12,139	185	3,730	79	147	3,956	168	3
Wash .....	3,831	265	5,430	282	134	5,846	44	7
W. Va .....	7,030	148	1,712	93	26	1,831	64	3
Wis .....	8,727	220	5,943	313	201	6,457	206	22
Wyo .....	1,658	446	2,396	145	522	3,063	101	99
U.S. ....	363,842	18,623	236,459	8,483	23,395	268,337	12,707	2,485
P.R. ....	1,161	23	873	14	18	905	11	1
V.I. ....	13	( <sup>2</sup> )	16	.....	6	22	4	( <sup>2</sup> )
Total .....	365,016	18,646	237,348	8,497	23,419	269,264	12,722	2,486

<sup>1</sup> Because of the change to fiscal year funding in 1979, data for the period October 1, 1978 - December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

<sup>2</sup> 500 acres or less.

<sup>3</sup> 500 dollars or less.

Agricultural Stabilization and Conservation Service. Totals are the sum of rounded data.

Table 721.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1979 fiscal year<sup>1</sup>

State or Territory	Regular annual agreements						
	Diversions (area served)	Stream protection (area served)	Permanent wildlife habitat (area served)	Sediment retention erosion, or water con- trol struc- tures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
Ala .....	1,486	225	2,340	62	17,655	.....	.....
Alaska .....	10	.....	.....	.....	20	.....	.....
Ariz .....	493	80	.....	4	.....	.....	58,697
Ark .....	221	93	1,019	1,343	62	.....	70,982
Calif .....	2,870	100	501	150	35	115	141,437
Colo .....	9,367	80	233	104	420	4,885	213,120
Conn .....	295	10	.....	4	59	.....	.....
Del .....	20	.....	51	6	54	412	.....
Fla .....	551	.....	1,047	723	1,817	110	18,067
Ga .....	1,045	15	2,399	8	6,977	.....	.....
Hawaii .....	615	.....	.....	4	31	384	165
Idaho .....	2,168	495	.....	52	3,108	347	82,146
Ill .....	3,972	130	551	1,329	117,774	658	.....
Ind .....	2,195	1,677	495	1,230	29,283	830	.....
Iowa .....	1,288	15	4,293	442	49,211	13,254	.....
Kans .....	6,695	.....	862	267	134,659	3,411	33,778
Ky .....	3,697	10	106	97	20,274	1	.....
La .....	8	.....	24	1,869	54	.....	33,562
Maine .....	4,161	56	35	14	5,784	5	.....
Md .....	1,326	.....	130	30	3,976	.....	.....
Mass .....	2	4	.....	1	4	3	427
Mich .....	2,988	288	17,147	392	12,176	5,181	285
Minn .....	3,601	.....	7,529	397	62,473	49,824	.....
Miss .....	2,850	85	3,674	2,299	2,433	.....	.....
Mo .....	7,853	7	5,271	1,073	59,777	22	.....
Mont .....	2,967	378	165	21	10,344	4,729	190,008
Nebr .....	7,645	.....	549	275	81,506	33,565	60,399
Nev .....	20	.....	.....	18	.....	.....	40,515
N.H .....	162	15	38	5	90	.....	30
N.J .....	284	.....	1	4	638	230	385
N. Mex .....	8,010	4	.....	242	160	161	47,171
N.Y .....	6,340	52	2	53	2,857	44	.....
N.C .....	845	9	83	11	8,373	84	.....
N. Dak .....	6,109	.....	30,885	22	26,789	200,327	1,330
Ohio .....	406	8	95	321	27,297	2,669	.....
Okla .....	30,283	.....	196	360	33,458	3,683	17,874
Oreg .....	4,502	445	6	199	4,274	317	37,954
Pa .....	16,224	20	12	99	7,708	9	.....
R.I .....	.....	.....	.....	.....	.....	.....	.....
S.C .....	62	.....	.....	2	2,667	152	.....
S. Dak .....	3,685	.....	22,706	8	6,985	86,148	2,334
Tenn .....	3,357	.....	115	702	8,998	.....	.....
Tex .....	22,472	.....	.....	324	91,915	145	246,096
Utah .....	800	16	.....	42	.....	60	108,368
Vt .....	577	122	457	2	370	.....	.....
Va .....	500	2	10	10	3,932	.....	.....
Wash .....	3,478	873	246	118	11,184	1,331	56,418
W. Va .....	210	47	151	.....	104	.....	.....
Wis .....	5,188	723	4,486	138	55,467	1,430	40
Wyo .....	2,974	130	.....	1	80	1,632	99,085
U.S .....	186,377	6,214	107,910	14,882	963,312	416,158	1,560,673
P.R .....	352	.....	.....	2	.....	.....	4
V.I .....	.....	.....	.....	.....	.....	.....	.....
Total .....	187,229	6,214	107,910	14,884	963,312	416,158	1,560,677

See footnotes at end of table.

**Table 721.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1979 fiscal year<sup>1</sup>—Continued**

State or Territory permanent	Regular annual agreements—Continued						
	Establishing permanent cover	Improving cover	Planting stands in trees	Timber poundment provement	Water im-reservoirs	Strip-cropping	Terrace systems (area served)
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>
Ala .....	33,629	68,718	2,259	7,058	626		20,097
Alaska .....	750	286					
Ariz .....	1,020	87,566		120	32		
Ark .....	35,349	83,757	272	449	2,237		64
Calif .....	4,773	12,947	962	760	77		
Colo .....	18,746	39,341	43	18	120	6,606	16,499
Conn .....	2,723	2,648	253	251	6	97	
Del .....	956	244	104		13		
Fla .....	39,195	83,840	3,601	257	40		6,823
Ga .....	31,525	46,205	2,203	4,645	234		15,487
Hawaii .....	717	24,751	22		13		1,205
Idaho .....	33,790	24,446	8	41	38	324	2,576
Ill .....	16,737	11,727	520	1,282	503	4,485	24,003
Ind .....	19,234	15,847	674	4,427	417	5	7,658
Iowa .....	35,347	8,099	447	130	362	11,357	27,945
Kans .....	16,659	5,307	69	100	545		135,106
Ky .....	70,880	41,724	411	206	755	695	76
La .....	18,913	40,895	45	149	271		30
Maine .....	11,668	4,262	737	3,491	11	817	
Md .....	3,259	2,799	741	645	44	2,202	
Mass .....	3,691	1,614	54	1,555	7		
Mich .....	69,782	5,325	6,784	607	20	1,235	
Minn .....	32,904	3,362	1,807	575	476	11,799	3,892
Miss .....	24,270	77,078	1,090	1,202	1,106	28	2,139
Mo .....	65,678	75,696	122	364	1,588	181	51,032
Mont .....	195,327	399,514	62	625	77	92,159	160
Nebr .....	28,917	22,434	196	41	377	7,232	66,099
Nev .....	5,627	15,014			5		
N.H .....	927	2,159	34	4,106	8	58	21
N.J .....	6,439	2,474	120	182	24	208	94
N. Mex .....	3,128	102,501		301	36		585
N.Y .....	34,547	7,131	1,503	3,581	39	10,691	107
N.C .....	16,683	99,260	1,556	257	188	703	536
N. Dak .....	209,022	22,853	149	18	192	41,896	480
Ohio .....	12,732	24,920	802	1,153	83	1,426	4
Okla .....	102,366	43,378	118	165	3,228	2,096	66,661
Oreg .....	13,276	48,449	2,693	3,485	112	202	20,886
Pa .....	27,290	14,361	879	1,451	17	21,246	1,659
R.I .....	295	375	110	15			
S.C .....	9,080	70,958	2,545	7,055	91	113	3,958
S. Dak .....	224,200	23,651	21	38	223	14,880	4,893
Tenn .....	65,449	98,857	137	16	1,155	11	5,379
Tex .....	240,720	551,331	155	85	2,748		45,039
Utah .....	892	58,446			35		331
Vt .....	8,230	10,445	11	2,311	5	128	
Va .....	17,705	102,597	2,356	1,021	240	771	66
Wash .....	37,569	30,780	1,075	2,876	74	4,706	10,837
W. Va .....	2,572	72,085	434	890	60	1	8
Wis .....	54,107	2,690	7,024	4,833	50	23,957	1,271
Wyo .....	22,623	68,373		88	61		125
U.S .....	1,931,918	2,663,920	45,208	62,925	18,669	262,315	543,831
P.R .....	2,272	9,947	238		9		
V.I .....		187					
Total .....	1,934,190	2,674,054	45,446	62,925	18,678	262,315	543,831

See footnotes at end of table.

Table 721.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1979 fiscal year<sup>1</sup>—Continued

State or Territory	Long-term agreements						
	Diversions (area served)	Stream protection (area served)	Permanent wildlife habitat (area served)	Sediment retention erosion, or water control structures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Ala .....	36		253	4	554		
Alaska .....							
Ariz .....				46			6,517
Ark .....				12			2,122
Calif .....	25	155	33	57	1,016		5,953
Colo .....	205	76	2	12	41	15	5,647
Conn .....	40		3		20		
Del .....				1	10		
Fla .....			22	41	12		647
Ga .....	30		2	3	144		
Hawaii .....						31	
Idaho .....					102		2,291
Ill .....	350			40	3,190		
Ind .....	49	40	56	16	742	14	
Iowa .....	88			14	721	21	
Kans .....	206		1	11	5,325		320
Ky .....	21		8	7	516		
La .....				56	2		2,995
Maine .....	253			1	277		
Md .....	363				148		
Mass .....							
Mich .....	110	2	370	19	1,211	41	
Minn .....	148	35	696		722	1,206	
Miss .....	59			47	125		
Mo .....	153			14	1,838		
Mont .....		60		1			3,340
Nebr .....	107		13	6	3,959	9	
Nev .....							501
N.H .....	6				25		
N.J .....	35			1	155		
N. Mex .....	4,536			14			2,564
N.Y .....	852	36	4	7	336		
N.C .....			1		126		
N. Dak .....			144		564	2,363	
Ohio .....	57		19	18	561		
Okla .....	785			13	912		920
Oreg .....	470	25	4	5	601		518
Pa .....	967		3	1	1,585		
R.I .....							
S.C .....					90		
S. Dak .....			65	2	198	637	84
Tenn .....	120			4	719		
Tex .....	778			7	1,726		2,120
Utah .....	1,000			6			1,821
Vt .....	66				92		
Va .....			1		91		
Wash .....	124	28	6	8	421		5,122
W. Va .....	8				2		
Wis .....	602	35	343	26	5,569	15	
Wyo .....		20					3,292
U.S .....	12,649	512	2,049	520	34,448	4,352	46,774
P.R .....							
V.I .....							
Total .....	12,649	512	2,049	520	34,448	4,352	46,774

See footnotes at end of table.



Table 721.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1979 fiscal year<sup>1</sup>—Continued

State or Territory	Long-term agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>
Ala	745	571	52	25	7		228
Alaska	61						
Ariz		12,880					
Ark	984	1,889		8	16		
Calif	507	4,817	338	20	8		
Colo	924	21,170		5	16	630	142
Conn	62	12	32	17	1		
Del							
Fla	144	468	71		1		22
Ga	610	147	1	282	14		215
Hawaii	24	25					
Idaho	202	160		40			460
Ill	625	420		142	14	146	4,667
Ind	165	253	26	364	11		432
Iowa	361	126	12		19	93	3,795
Kans	475	40			18		5,508
Ky	774	1,356	2	92	13	346	
La	573	1,580			4		
Maine	18	16		56	1	132	20
Md	253	56	3	85	5	156	
Mass				6			
Mich	1,516	198	81	216	3	78	
Minn	708	37	1	2	12	255	689
Miss	705	514	4		8		
Mo	715	280	11	63	25		2,372
Mont	3,710	7,662		100			
Nebr	140	1,008			9		6,141
Nev		800					
N.H	24	1					
N.J						30	85
N. Mex	90	17,179			1		
N.Y	721	236	16	197	4	1,208	159
N.C	136	153	66		1	31	
N. Dak	2,717	1,670				514	
Ohio	295	1,500	25	633	8	23	
Okla	4,644	2,011	80		88		593
Oreg	276	1,152	192	153	9		1,078
Pa	769	344		73		950	141
R.I							
S.C	162	112	103		5		
S. Dak	3,263	224			3	132	354
Tenn	2,425	3,458	12	2	59		94
Tex	4,348	16,025	147	155	47		2,293
Utah	21	6,887			4		86
Vt	200	169		114	2	54	
Va	351	1,549	27	173	6	125	
Wash	1,406	138	27		3		525
W. Va	108	2,268	3	44	6	2	
Wis	366	54	32	96	4	1,138	361
Wyo	168	4,840			1		
U.S	37,491	115,960	1,364	3,163	456	6,043	30,460
P.R	163	100	5		2		
V.I							
Total	37,654	116,060	1,369	3,163	458	6,043	30,460

<sup>1</sup> Because of the change to fiscal year funding in 1979, data for the period October 1, 1978 - December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

Table 722.—Agricultural Conservation Program:<sup>1</sup> Selected conservation and pollution abatement measures performed, United States and Caribbean area, annual 1970-79 and total 1936-79

Practice	Unit	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	Total 1936-79
Terrace systems <sup>2</sup>	1,000 acres	531	458	572	404	308	436	335	357	435	574	35,721
Sod waterways <sup>2</sup>	do	1,198	1,005	1,408	1,104	846	1,095	801	894	804	998	13,605
Conservation tillage systems	do	1,620	667	535	153	.....	56	177	66	135	202	129,494
Stripcropping systems	do	204	149	178	102	14	86	105	124	172	268	115,069
Establishing permanent vegetative cover	do	4,208	2,219	3,186	1,697	309	1,066	1,137	1,213	1,320	1,972	67,878
Vegetative cover in crop rotation	do	891	489	588	73	.....	7	22	79	266	275	27,399
Cropland protective cover	do	4,012	2,679	3,156	1,432	.....	978	1,033	1,294	1,436	1,534	500,075
Improving permanent vegetative cover	do	3,890	3,632	4,567	2,662	554	2,041	2,471	2,898	1,798	1,534	149,423
Planting trees or shrubs	do	150	167	227	62	211	37	20	33	32	47	5,927
Timber stand improvement	do	132	141	206	62	197	52	25	43	43	66	5,052
Permanent wildlife habitat <sup>2</sup>	do	688	493	801	99	162	110	113	120	165	110	5,073
Water impoundment reservoirs	Number	41,647	42,394	47,966	41,777	16,357	19,533	16,504	19,740	16,323	19,136	2,398,024
Grazing land protection	do	11,615	8,959	15,378	15,123	.....	7,198	5,661	8,166	9,804	14,117	465,662
Contour farming	do	28	24	22	13	.....	6	13	10	10	25	139,894
Diversions <sup>2</sup>	1,000 acres	216	194	344	187	183	174	137	136	142	200	6,135
Sediment retention, erosion, or water control structures	Number	11,145	13,575	19,878	16,170	8,105	8,767	7,726	9,045	9,598	15,404	3,335,627

<sup>1</sup> In 1974, the data include the Regular, Long-Term Agreement, and Forestry Incentive Programs. In 1975-78, the data include the Regular and Long-Term Agreement Programs.

<sup>2</sup> In area served.

<sup>3</sup> Because of the change to fiscal year funding in 1979, data for the period October 1, 1978 - December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

Table 723.—Soil conservation districts: Funds appropriated by State and Local governments for conservation programs, fiscal year ending Sept. 30, 1980

State or Territory	Actual appropriations	State or Territory	Actual appropriations
	<i>1,000 dollars</i>		<i>1,000 dollars</i>
Ala .....	1,308	Nev .....	644
Alaska .....	1,154	N.H. ....	108
Ariz .....	1,243	N.J. ....	2,570
Ark .....	4,632	N. Mex .....	1,106
Calif .....	5,610	N.Y. ....	2,489
Colo .....	791	N.C. ....	4,663
Conn .....	1,063	N. Dak .....	1,637
Del .....	2,288	Ohio .....	4,324
Fla .....	1,661	Okla .....	3,850
Ga .....	4,024	Oreg .....	7,425
Hawaii .....	600	Pa .....	3,878
Idaho .....	1,923	R.I. ....	43
Ill .....	1,956	S.C. ....	2,479
Ind .....	3,236	S. Dak .....	737
Iowa .....	10,290	Tenn .....	1,897
Kans .....	2,987	Tex .....	6,785
Ky .....	4,375	Utah .....	309
La .....	6,820	Vt .....	132
Maine .....	2,155	Va .....	904
Md .....	2,176	Wash .....	1,040
Mass .....	1,205	W. Va .....	3,848
Mich .....	2,476	Wis .....	6,428
Minn .....	5,519	Wyo .....	289
Miss .....	2,663	Caribbean <sup>1</sup> .....	4,027
Mo .....	941		
Mont .....	6,428	Total .....	151,201
Nebr .....	10,115		

<sup>1</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 724.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories, 1965-79

Year <sup>1</sup>	Number districts organized <sup>2</sup>		Total area in districts		Approximate land in farms within districts	
	Net increase for the year	Cumulative total	New districts and additions	Cumulative total	Added each year	Cumulative total
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1965 .....	18	2,989	14,073	1,753,281	6,392	1,065,945
1966 .....	6	2,995	15,711	1,768,992	8,212	1,074,157
1967 .....	15	3,010	13,509	1,782,501	7,594	1,081,751
1968 .....	2	3,012	15,971	1,798,472	-11,456	<sup>3</sup> 1,070,295
1969 .....	5	3,017	8,066	1,806,538	5,596	1,075,891
1970 .....	9	3,026	4,505	1,811,043	2,853	1,078,744
1971 .....	1	3,027	13,361	1,824,404	-14,340	1,064,404
1972 .....	-3	3,024	11,213	1,835,617	2,754	1,067,158
1973 .....	-62	2,962	375,493	2,211,110	-36,121	<sup>4</sup> 1,081,037
1974 .....	-13	2,949	657	2,211,767	1,616	1,082,653
1975 .....	-5	2,944	1,968	2,213,735	1,922	1,084,575
1976 .....	-2	2,942	2,450	2,216,185	2,285	1,086,860
1977 .....	-3	2,939	1,578	2,217,763	993	1,087,853
1978 .....		2,939	-2,735	2,215,028	-594	1,087,259
1979 .....		2,939		2,215,028		1,087,259

<sup>1</sup> Fiscal years July 1 to June 30 through 1976; Oct. 1 through Sept. 30 for 1978.<sup>2</sup> Totals at the end of each year are net, including corrections and adjustments made during the year.<sup>3</sup> Adjusted to the 1964 Census of Agriculture.<sup>4</sup> Adjusted to the 1969 Census of Agriculture.

Soil Conservation Service.

**Table 725.—Soil conservation districts: Dates of State Laws, number of districts organized, approximate total area, number of farms, land in farms, and districts having memoranda of understanding with U.S. Department of Agriculture, cumulative through Sept. 30, 1979**

State or Territory	Date district law became effective	Districts organized <sup>1</sup>	Approximate area and farms with organized districts			Districts having memoranda of understanding with USDA <sup>2</sup>
			Total area	Farms (and ranches)	Land in farms	
		Number	1,000 acres	Thousands	1,000 acres	Number
Ala	Mar. 18, 1939	67	32,030	57	13,652	67
Alaska	Mar. 25, 1947	1	375,304	1	1,804	1
Ariz	June 16, 1941	31	60,340	6	28,809	29
Ark	July 1, 1937	76	33,245	51	15,695	76
Calif. <sup>3</sup>	June 26, 1938	137	74,449	55	26,763	131
Colo	May 6, 1937	83	61,411	30	37,511	81
Conn	July 18, 1945	8	3,132	4	541	8
Del	Apr. 2, 1943	3	1,266	3	674	3
Fla	June 10, 1937	60	33,866	31	13,583	60
Ga	Mar. 23, 1937	28	37,190	55	15,806	27
Hawaii	May 19, 1947	15	4,045	3	2,058	15
Idaho	Mar. 9, 1939	51	52,610	26	14,501	50
Ill	July 9, 1937	98	33,577	112	29,773	98
Ind	Mar. 11, 1937	92	23,102	88	17,573	92
Iowa	July 4, 1939	100	35,883	152	34,070	100
Kans	Apr. 10, 1937	105	52,649	79	49,390	105
Ky	June 11, 1940	121	25,377	102	15,950	121
La	July 27, 1938	36	28,119	42	9,757	32
Maine	Mar. 25, 1941	16	17,539	6	1,759	16
Md	June 1, 1937	24	6,282	17	2,303	24
Mass	June 28, 1945	15	4,973	4	701	15
Mich	July 23, 1937	85	37,241	64	11,905	85
Minn	Apr. 26, 1937	92	50,659	111	28,743	91
Miss	Apr. 4, 1938	82	30,631	54	16,040	76
Mo	July 23, 1943	110	42,084	112	31,578	110
Mont. <sup>4</sup>	Feb. 28, 1939	62	91,619	24	62,680	58
Nebr	May 18, 1937	24	48,982	68	47,225	24
Nev	Mar. 30, 1937	32	69,145	2	12,033	29
N.H	May 10, 1945	10	5,955	3	613	10
N.J	July 1, 1937	16	4,813	7	1,036	15
N. Mex. <sup>5</sup>	Mar. 17, 1937	50	69,503	14	42,630	49
N.Y	July 20, 1940	57	30,489	46	10,146	56
N.C	Mar. 22, 1937	92	31,229	100	12,833	92
N. Dak	Mar. 16, 1937	62	45,141	43	43,156	60
Ohio	June 5, 1941	88	26,383	92	17,085	88
Okla	Apr. 15, 1937	88	44,180	83	35,769	88
Oreg	Apr. 7, 1939	54	60,603	33	17,631	54
Pa	July 2, 1937	66	28,927	53	8,898	65
R.I	Apr. 26, 1943	3	677	1	69	3
S.C	Apr. 17, 1937	46	19,345	29	6,992	44
S. Dak	July 1, 1937	69	48,577	51	44,891	68
Tenn	Mar. 10, 1939	95	26,444	101	15,057	95
Tex	Apr. 24, 1939	198	169,355	174	137,414	190
Utah	Mar. 23, 1937	40	48,554	13	10,229	39
Vt	Apr. 18, 1939	14	5,935	7	1,916	14
Va	Apr. 1, 1938	42	25,755	54	10,572	35
Wash	Mar. 17, 1939	52	41,623	34	17,560	44
W. Va	June 12, 1939	14	15,411	17	4,341	14
Wis	July 1, 1937	72	34,858	89	18,109	72
Wyo	May 22, 1941	39	62,422	10	35,799	38
U.S		2,921	2,212,929	2,413	1,035,923	2,857
P.R	July 1, 1946	17	2,074	29	1,296	17
V.I	June 1946	1	25	1	40	1
Total		2,939	2,215,028	2,443	1,037,259	2,875

<sup>1</sup>For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws.

<sup>2</sup>Upon request, the U.S. Department of Agriculture enters into memoranda of understanding with districts for such assistance from the Departmental agencies as may be available.

<sup>3</sup>Includes the Imperial Irrigation District.

<sup>4</sup>Includes three State cooperative grazing districts.

<sup>5</sup>Includes the Elephant Butte Irrigation District.

Soil Conservation Service.



**Table 726.—Soil surveys: Total area mapped for conservation planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1979, and cumulative through Sept. 30, 1979**

State or Territory	Soil surveys for farm planning <sup>1</sup>		State or Territory	Soil surveys for farm planning <sup>1</sup>	
	Work during year ending Sept. 30, 1979	Total to date		Work during year ending Sept. 30, 1979	Total to date
	<i>Acres</i>	<i>Acres</i>		<i>Acres</i>	<i>Acres</i>
Ala	1,022,613	20,480,723	Nev	2,609,018	30,038,654
Alaska <sup>2</sup>	-5,300	362,510,700	N.H.	208,992	3,839,923
Ariz	1,026,773	23,899,959	N.J. <sup>2</sup>	4,774,405	9,123,499
Ark	1,381,497	27,173,844	N. Mex	3,697,233	57,865,240
Calif	2,429,034	15,502,894	N.Y.	2,228,791	21,179,675
Colo	2,803,479	39,117,290	N.C.	2,635,637	16,080,286
Conn	258,250	3,223,096	N. Dak	1,665,668	28,483,243
Del		1,265,920	Ohio	1,149,422	20,053,330
Fla	1,115,420	16,547,337	Okla	546,118	41,683,067
Ga	564,206	31,142,383	Oreg	953,905	20,592,344
Hawaii	256,400	4,299,220	Pa	449,892	27,594,420
Idaho	3,447,191	17,920,357	R.I.		677,975
Ill	1,044,637	17,975,871	S.C.	741,706	16,038,834
Ind	1,643,177	17,685,157	S. Dak	1,767,834	32,706,075
Iowa	640,577	25,735,662	Tenn	411,162	19,264,082
Kans	1,592,238	44,967,293	Tex	3,664,407	138,441,680
Ky	661,739	18,354,706	Utah	3,030,789	19,764,779
La	1,478,347	14,473,098	Vt	243,535	3,176,781
Maine	370,830	8,048,451	Va	748,973	11,564,196
Md		6,259,053	Wash	1,866,248	26,024,112
Mass	219,142	3,785,685	W. Va	271,338	9,571,437
Mich	1,252,921	16,925,642	Wis	707,021	23,813,836
Minn	1,705,030	23,906,864	Wyo	1,794,117	22,093,463
Miss	635,784	24,245,037	Caribbean <sup>3</sup>		2,274,102
Mo	1,714,480	19,840,479			
Mont	2,109,159	41,770,228	Total	67,118,672	1,481,565,873
Nebr	1,584,837	32,553,891			

<sup>1</sup> The National Cooperative Soil Survey of the Soil Conservation Service and cooperating agencies is designed to locate, classify, describe, and show on maps the different kinds of soil and make multiple-use interpretations of each kind of soil for town-and-country planning and for other purposes.

<sup>2</sup> Corrected cumulative total.

<sup>3</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

**Table 727.—Land protected from erosion by soil conservation practices: newly applied in soil conservation districts with Soil Conservation Service assistance, fiscal years 1975-79**

Land Protected from Erosion <sup>1</sup>	Unit	1975 <sup>2</sup>	1976 <sup>2</sup>	1977	1978	1979
Cropland	Acres			9,231,893	9,345,656	10,655,173
Pasture & hayland	Acres			5,219,554	5,092,408	5,458,442
Range & native pasture	Acres			20,103,930	23,714,035	24,638,077
Woodland	Acres			2,128,132	2,015,389	2,298,638
Wildlife	Acres			2,559,336	2,563,101	2,706,371
Recreation	Acres			218,596	269,507	209,246
All other	Acres			366,119	771,162	322,511
Total land protected		24,566,958	24,347,323	39,827,560	43,771,258	46,288,458

<sup>1</sup> Includes land protected under all programs on which SCS provides technical assistance.

<sup>2</sup> Land protected not reported by land use prior to FY 1977.

Soil Conservation Service.

**Table 728.—Land protected from erosion by soil conservation practices: applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1979**

State or Territory	Cropland	Pasture and hayland	Range nature pasture	Woodland	Wildlife	Recreation	Otherland	Total land protected
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Ala .....	87,746	147,826	3,490	148,234	42,263	4,448	7,978	441,985
Alaska .....	130	420	.....	.....	.....	.....	.....	550
Ariz .....	44,595	1,702	320,425	90	14,854	.....	.....	381,566
Ark .....	299,255	229,145	12,574	243,083	182,097	4,943	1,680	972,777
Calif .....	151,927	48,711	134,765	10,670	27,100	1,726	2,329	377,288
Colo .....	88,073	47,368	728,929	12,086	16,388	410	4,575	897,829
Conn .....	1,845	3,318	.....	601	150	509	5,473	11,896
Del .....	8,491	375	.....	2,631	2,299	100	90	13,986
Fla .....	52,650	71,888	42,361	134,510	36,237	7,502	8,431	353,529
Ga .....	361,006	140,926	1,498	120,909	20,832	2,408	2,404	649,983
Hawaii .....	55,895	85,175	.....	.....	100,249	.....	223	241,042
Idaho .....	251,840	52,846	131,061	25,555	16,294	903	2,386	480,885
Ill .....	94,265	12,020	.....	3,063	2,926	564	263	113,101
Ind .....	226,346	52,810	.....	34,044	12,699	2,955	3,016	331,870
Iowa .....	153,454	16,387	6,422	2,232	4,865	1,205	4,894	189,459
Kans .....	485,596	41,785	498,167	3,643	12,965	1,038	5,772	1,048,966
Ky .....	144,368	112,141	.....	7,322	3,169	579	2,038	269,617
La .....	301,870	110,958	9,118	103,503	76,790	1,439	2,271	605,955
Maine .....	21,462	19,552	109	8,353	10,491	742	314	61,023
Md .....	3,804	2,052	.....	4,297	5,143	6,501	127,442	149,239
Mass .....	3,697	4,204	138	4,564	1,082	1,127	476	15,288
Mich .....	256,599	62,001	1,096	52,750	25,482	2,670	6,850	407,448
Minn .....	279,302	44,613	2,102	7,934	53,545	588	15,591	403,675
Miss .....	195,732	144,980	2,023	173,381	47,372	4,788	1,315	569,591
Mo .....	155,465	130,039	357	22,106	26,759	1,556	834	337,116
Mont .....	308,640	284,628	1,984,752	30,235	7,279	913	1,866	2,618,313
Nebr .....	444,497	106,109	1,383,352	594	313,831	299	16,017	2,264,699
Nev .....	14,812	13,083	32,685	.....	590	7	95	61,272
N.H. ....	6,989	8,738	48	9,800	438	247	166	26,426
N.J. ....	12,284	703	.....	628	610	367	1,324	15,916
N. Mex .....	126,491	20,522	2,078,998	200	46,127	725	925	2,273,988
N.Y. ....	62,964	38,813	26,828	116,388	6,634	2,136	2,598	256,361
N.C. ....	68,670	18,077	.....	19,391	9,621	785	1,398	117,948
N. Dak .....	902,686	257,096	599,684	525	60,415	1,167	13,837	1,829,410
Ohio .....	173,317	40,867	35	24,925	14,344	3,263	2,197	258,948
Okla .....	593,337	538,263	893,660	73,721	84,254	1,684	2,229	2,187,148
Oreg .....	84,189	27,272	187,432	62,706	4,051	30	712	966,392
Pa .....	59,858	36,195	537	152,725	128,362	6,362	5,790	389,829
R.I. ....	1,773	1,096	.....	975	1,403	453	114	5,814
S.C. ....	58,668	25,777	4	18,231	7,771	1,185	496	112,082
S. Dak .....	545,552	327,868	1,208,057	1,951	65,254	160	12,479	2,161,321
Tenn .....	70,080	98,636	52	41,565	2,564	139	682	213,718
Tex .....	3,032,306	1,747,331	13,243,909	415,983	1,146,886	132,517	36,314	19,755,246
Utah .....	49,010	7,593	115,607	.....	19,408	2,438	.....	194,056
Vt .....	9,481	22,313	237	8,100	365	384	101	40,981
Va .....	34,340	70,512	769	38,544	3,372	537	10,440	158,514
Wash .....	107,657	36,006	142,984	118,595	12,738	2,618	737	421,335
W. Va .....	9,148	34,936	1,410	15,710	9,371	1,256	3,369	75,200
Wis .....	91,953	9,961	750	18,778	15,664	873	1,641	139,620
Wyo .....	50,938	74,990	842,895	2,779	3,275	.....	389	975,266
Caribbean <sup>1</sup> .....	10,548	27,865	4,757	28	-307	.....	.....	42,891
Total <sup>2</sup> .....	10,655,173	5,458,442	24,638,077	2,298,638	2,706,371	209,246	322,511	46,288,458

<sup>1</sup> Puerto Rico and Virgin Islands.

<sup>2</sup> Includes land protected data shown in table 733, watershed protection and flood prevention projects.

Soil Conservation Service.

Table 729.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and area covered in soil conservation districts with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1979, and cumulative through Sept. 30, 1979

State or Territory	Progress, year ending Sept. 30, 1979				Cumulative through Sept. 30, 1979			
	New SCD cooperators		New conservation plans <sup>1</sup>		SCD cooperators		Conservation plans <sup>2</sup>	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Ala .....	1,111	230,936		248,076	49,154	9,905,991		9,425,191
Alaska .....	95	461,179		215,951	889	3,240,066		433,091
Ariz .....	186	603,713		266,169	5,086	15,706,411		9,773,177
Ark .....	1,465	381,076		357,274	92,748	18,815,399		18,058,682
Calif .....	871	930,295		274,316	35,516	14,903,561		8,568,963
Colo .....	861	1,317,990		700,535	24,261	30,031,424		21,865,064
Conn .....	67	4,126		21,136	3,606	420,235		260,348
Del .....	89	20,089		12,264	3,628	595,746		412,375
Fla .....	19,307	571,243		463,320	42,239	12,337,527		8,706,561
Ga .....	1,986	380,952		196,918	88,872	18,403,286		16,048,625
Hawaii .....	107	26,844		102,636	2,233	2,963,248		1,775,537
Idaho .....	30,699	527,853		220,684	51,737	11,604,999		6,977,456
Ill .....	1,292	258,538		129,396	72,155	13,047,694		8,383,319
Ind .....	1,523	216,906		213,396	69,499	10,312,413		6,459,872
Iowa .....	3,797	463,441		153,426	106,591	20,656,599		14,326,026
Kans .....	1,413	541,341		488,333	93,994	34,036,276		29,157,392
Ky .....	2,020	267,532		171,398	78,190	10,875,000		7,820,641
La .....	1,219	335,624		319,433	45,469	11,755,722		9,377,179
Maine .....	381	61,118		53,503	12,251	2,362,225		1,593,470
Md .....	1,064	64,843		34,873	22,111	2,861,432		424,162
Mass .....	3,382	13,973		10,657	9,293	773,539		675,411
Mich .....	1,125	145,634		130,400	62,728	8,372,152		5,841,883
Minn .....	3,347	687,446		462,450	68,705	18,293,664		9,223,568
Miss .....	1,794	479,922		362,978	79,910	16,071,912		13,762,816
Mo .....	3,200	781,755		422,645	56,796	14,196,778		8,035,346
Mont .....	12,251	883,047		615,371	14,002	43,497,926		31,821,120
Nebr .....	1,652	1,016,570		721,455	70,011	32,626,987		24,260,141
Nev .....	202	394,115		902,719	2,538	6,675,436		5,652,650
N.H .....	157	21,719		16,359	5,992	1,122,372		669,168
N.J .....	90	6,623		7,822	6,900	958,521		526,293
N. Mex .....	299	945,665		595,466	11,969	35,779,872		31,490,789
N.Y .....	1,553	360,900		391,121	48,150	10,572,311		7,559,522
N.C .....	1,874	223,022		235,845	77,966	10,739,903		7,700,030
N. Dak .....	405	370,899		436,409	37,790	32,089,968		27,309,685
Ohio .....	2,711	276,130		138,227	86,803	10,770,097		7,116,328
Okl .....	2,214	762,820		765,803	97,972	30,253,073		29,557,984
Oreg .....	736	262,505		329,762	16,531	13,216,993		8,506,974
Pa .....	1,437	150,526		220,495	59,407	10,692,273		8,402,398
R.I .....	43	2,054		1,725	1,618	144,441		117,361
S.C .....	1,271	220,532		123,848	36,514	6,910,133		5,607,017
S. Dak .....	804	1,909,203		403,484	36,932	33,843,913		22,682,971
Tenn .....	2,420	323,633		243,007	67,360	9,901,078		6,058,892
Tex .....	6,189	5,583,223		5,361,962	196,489	111,156,144		110,392,246
Utah .....	25	77,951		178,227	11,589	11,534,101		9,847,483
Vt .....	268	52,754		37,773	13,041	2,619,937		1,675,949
Va .....	2,312	214,202		195,942	43,669	6,983,715		5,182,467
Wash .....	370	100,489		102,818	22,646	11,286,506		7,773,631
W. Va .....	843	146,906		99,714	46,871	7,633,941		4,387,642
Wis .....	1,284	273,742		185,505	48,718	9,989,549		6,297,455
Wyo .....	217	610,333		712,697	7,618	25,377,973		19,644,297
Caribbean <sup>3</sup> .....	238	18,630		18,149	20,822	1,158,739		1,037,051
Total .....	122,794	24,982,572		19,073,872	2,267,579	780,079,201		608,663,699

<sup>1</sup>Includes conservation plans prepared on farms and ranches of SCD cooperators who signed agreements in prior years.

<sup>2</sup>Losses through cancellation, death, and change of ownership are deducted and net total at end of year shown.

<sup>3</sup>Puerto Rico and Virgin Islands.

Soil Conservation Service.



Table 730.—Great Plains Conservation Program: Practices applied and cost-shares paid for year ending Sept. 30, 1979 and cumulative 1956-79

Practice	Amount applied			Cost-shares paid	
	Unit	1979	1956-79	1979	1956-79
INITIAL APPLICATION					
Establish permanent vegetative cover .....	Acres .....	83,326	2,802,810	<i>Dollars</i> 1,640,281	<i>Dollars</i> 27,056,476
Establish field/wind stripcropping .....	..do .....	35,923	1,100,034	128,058	1,679,027
Establish contour stripcropping .....	..do .....	1,988	181,938	17,256	876,620
Establish contour farming .....	..do .....	.....	4,981	.....	4,469
Reestablishing grasslands .....	..do .....	80,118	2,293,559	1,819,026	27,330,213
Establishment of trees and shrubs .....	..do .....	4,241	60,390	265,248	3,271,190
Establish permanent waterways .....	..do .....	820	53,754	477,389	7,048,544
Terrace .....	Miles .....	3,198	95,240	2,164,224	28,761,618
Diversions .....	..do .....	168	5,915	224,222	3,561,884
Grassland mechanical treatment .....	Acres .....	5,152	393,067	12,042	489,487
Dams for erosion control, detention .....	Number .....	304	23,494	277,998	6,398,970
Grade stabilization structures .....	..do .....	2,966	6,090	189,099	2,008,390
Streambank protection, etc .....	Linear ft .....	847	289,833	6,904	343,160
Diversion dams and spreader ditches .....	Acres .....	1,895	150,167	233,238	3,753,475
Reorganizing irrigation systems .....	Number .....	221	5,425	732,387	9,550,050
Irrigation land leveling .....	Acres .....	2,524	241,498	200,776	7,421,116
Dams, pits, or ponds for irrigation .....	Number .....	24	843	53,955	811,189
Lining irrigation ditches .....	Linear ft .....	37,309	19,770,004	75,896	1,825,692
Wells .....	Number .....	592	24,415	602,067	14,008,193
Developing springs and seeps .....	..do .....	14,745	18,104	47,562	745,523
Constructing dams, pits, or ponds .....	..do .....	673	40,820	679,779	16,282,193
Pipelines .....	Miles .....	599	11,853	10,141,169	14,023,991
Controlling competitive shrubs .....	Acres .....	152,935	6,025,306	822,091	17,581,772
Fences .....	Miles .....	767	20,877	784,638	9,834,823
Critical area treatment .....	Acres .....	7,390	367,275	373,110	2,226,867
Irrigation tailwater recovery system .....	Number .....	38	336	60,101	316,160
Disposal lagoons .....	..do .....	408	483	43,660	126,296
Recreation land grading and shaping .....	Acres .....	.....	16	.....	1,071
Water storage facilities .....	Number .....	1,294	11,057	584,055	3,784,092
Catchment basins .....	..do .....	.....	5	.....	24,552
Shallow water areas .....	..do .....	3	20	3,087	71,348
Holding ponds and tanks .....	..do .....	41	187	173,133	409,543
Wheatgrass barriers .....	Linear ft .....	319,318	1,493,248	11,341	13,143
REAPPLICATION					
Establish permanent vegetative cover .....	Acres .....	11,967	202,295	263,602	1,962,438
Establish field/wind stripcropping .....	..do .....	394	2,063	2,206	9,834
Establish contour stripcropping .....	..do .....	.....	1,762	.....	15,900
Reestablishing grasslands .....	..do .....	5,937	107,860	151,500	1,275,092
Establishment of trees or shrubs .....	..do .....	211	4,188	22,550	210,520
Establish permanent waterways .....	..do .....	344	5,415	30,080	235,320
Terraces .....	Miles .....	79	1,249	22,409	257,744
Diversions .....	..do .....	.....	15	338	5,900
Grassland mechanical treatment .....	Acres .....	.....	220	.....	220
Dams for erosion control, detention .....	Number .....	4	61	7,653	44,117
Grade stabilization structures .....	..do .....	3	44	4,067	41,919
Streambank protection, etc .....	Linear ft .....	.....	1,961	.....	16,559
Diversion dams and spreader ditches .....	Acres .....	179	3,917	4,517	35,473
Reorganizing irrigation systems .....	Number .....	.....	5,255	.....	5,255
Irrigation land leveling .....	Acres .....	.....	587	.....	11,615
Dams, pits, or ponds for irrigation .....	Number .....	1	7	1,558	3,968
Lining irrigation ditches .....	Linear ft .....	.....	217	.....	163
Wells .....	Number .....	7	92	3,543	47,155
Developing springs and seeps .....	..do .....	.....	8	.....	2,373
Constructing dams, pits, or ponds .....	..do .....	3	102	2,943	43,119
Pipelines .....	Miles .....	5	16	4,691	16,454
Controlling competitive shrubs .....	Acres .....	1,240	75,119	6,577	154,318
Fences .....	Miles .....	.....	2	.....	607
Critical area treatment .....	Acres .....	187	472	14,988	70,918
Irrigation tailwater recovery system .....	Number .....	.....	.....	.....	372
Water storage facilities .....	..do .....	.....	3	.....	3,152
Holding ponds and tanks .....	..do .....	.....	1	.....	1,209
Tall wheatgrass barriers .....	Linear ft .....	.....	.....	.....	67
Total .....	.....	.....	.....	14,209,944	216,112,925

Soil Conservation Service.



Table 731.—Great Plains Conservation Program:<sup>1</sup> Contracts, area, and obligations, by States, year ending Sept. 30, 1979, and cumulative 1956-79

State	Designated counties	Contracts signed				Cost-share obligations		Contracts completed through Sept. 30, 1979	
		1979		1956-79		1979	1956-79		
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 acres</i>
Colo .....	37	86	273	4,728	12,723	1,767	24,589	3,134	8,887
Kans .....	62	112	68	6,251	4,269	1,295	18,061	4,825	3,322
Mont .....	39	46	292	2,423	13,107	877	15,813	1,699	8,168
Nebr .....	61	94	369	7,157	9,975	1,433	22,675	5,692	7,212
N. Mex .....	19	51	917	2,164	16,663	883	13,259	1,610	11,731
N. Dak .....	38	61	130	6,082	8,425	721	14,405	4,489	5,903
Oklahoma .....	30	181	104	7,589	5,416	1,443	20,359	5,687	4,276
S. Dak .....	47	108	309	3,661	9,831	987	15,763	1,987	5,722
Tex .....	123	256	382	15,990	20,441	4,077	63,091	11,520	15,129
Wyo .....	13	48	246	1,021	6,908	727	8,125	475	3,232
Total .....	469	1,043	3,090	57,066	107,758	14,210	216,113	41,118	73,582

<sup>1</sup> As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).

Soil Conservation Service.

## FOOTNOTES FOR TABLE 734

<sup>1</sup> Data may not add to totals because of rounding.<sup>2</sup> Forest land is land at least 10 percent stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. Forest land includes transition zones, such as areas between heavily forested and non-forested lands that are at least 10 percent stocked with forest trees, and forest areas adjacent to urban and built-up lands. Also included are Pinyon-juniper and chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width at least 120 feet wide to qualify as forest land. Unimproved roads and trails, streams, and clearing in forest areas are classified as forest if less than 120 feet in width.<sup>3</sup> Commercial timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as commercial timberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included.<sup>4</sup> Includes Indian lands.<sup>5</sup> Includes Alaska.<sup>6</sup> Includes Hawaii.

Forest Service.

**Table 732.—Watershed protection<sup>1</sup> and flood prevention projects:<sup>2</sup> Works of improvement installed with the assistance of the Soil Conservation Service with watershed protection and flood prevention funds for year ending Sept. 30, 1979**

Item	Unit	P.L. 566 watersheds	Flood prevention watersheds
Projects in operations during year .....	Number .....	748	112
Land protected from erosion		Watershed protection and flood prevention projects	
Cropland .....	Acres .....	877,287	
Pasture and hayland .....	Acres .....	557,771	
Range and native pasture .....	Acres .....	845,779	
Woodland .....	Acres .....	159,067	
Wildlife .....	Acres .....	163,143	
Recreation .....	Acres .....	13,497	
Other .....	Acres .....	12,491	
Total land <sup>3</sup> .....	Acres .....	2,629,085	

<sup>1</sup>As authorized by the Soil Conservation Act of 1935 (Public Law 46, 74th Congress) and Watershed Protection and Flood Prevention Act P.L. 566, as amended.

<sup>2</sup>All of the 11 watersheds were approved Dec. 22, 1944; however, flood control funds did not become available for works of improvement until 1946. As of June 30, 1965, work in one watershed was completed.

<sup>3</sup>Land protected data included in Table 728 "Land Protected From Erosion by Application of Soil Conservation Practices."

Soil Conservation Service.

**Table 733.—Flood prevention: Improvement works completed in authorized watersheds with assistance of the Forest Service, years ending Sept. 30, 1978 and 1979 and cumulative to Sept. 30, 1979<sup>1</sup>**

Practices and measures <sup>2</sup>	Unit	Total completed or required		
		During year ending Sept. 30, 1978	During year ending Sept. 30, 1979	Cumulative to Sept. 30, 1979
Fire protection:				
Roads and trails (constructed or rebuilt) .....	Miles .....	11	9	1,609
Firebreaks .....	..do .....	35	6	3,028
Telephone lines .....	..do .....	.....	.....	306
Large water-storage tanks .....	Number .....	5	2	172
Lookout towers .....	..do .....	.....	.....	51
Building for fire protection work (barracks, cabins, warehouses, garages, offices, misc.) .....	..do .....	3	2	159
Pumps .....	..do .....	.....	1	31
Radio (mobile and stationary) .....	..do .....	.....	.....	411
Mobile equipment .....	..do .....	2	1	183
Helispots and heliports .....	..do .....	2	1	451
Stabilization of roadsides .....	Miles .....	57	153	3,512
Revegetation—cover improvement:				
Seeding and planting—trees and shrubs .....	Acres .....	13,678	11,336	889,240
Emergency seeding following fire <sup>3</sup> .....	..do .....	850	3,175	1,048,298
Mountain channel control:				
Barriers .....	Number .....	28	.....	1,093
Planting .....	Square yards ..	.....	.....	324,434
Channel clearing <sup>3</sup> .....	Acres .....	.....	.....	495
Channel stabilization .....	Linear feet .....	16,368	58,080	1,163,605
Forest management: Owner participation .....	Number .....	24,207	23,546	168,162

<sup>1</sup>Covers work in following watersheds: Buffalo Creek, Coosa River, Little Tallahatchie, Los Angeles, Potomac, Santa Ynez, Yazoo, Trinity, Washita, and Little Sioux.

<sup>2</sup>These principal physical works of improvement have been installed and major fire protection equipment items acquired for watershed improvement purposes under the Flood Control Acts by the Forest Service and cooperating State agencies.

<sup>3</sup>Includes treatment of watersheds following fire or other disaster under the provisions of Section 216 of the Flood Control Act of 1959.

Forest Service.

Table 734.—Forest land: Total forest land and area and ownership of commercial timberland, by regions, Jan. 1, 1977<sup>1</sup>

Region	Total forest land <sup>2</sup>	Commercial timberland <sup>3</sup>							
		All owner-ships	Federal			State, county, and municipal <sup>4</sup>	Private		
			Total	National forest	Other		Total	Forest industry	Farmer and other private
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
New England .....	32,461	30,985	770	706	64	1,317	28,898	9,726	19,172
Middle Atlantic .....	50,686	46,415	1,505	1,338	167	4,554	40,355	3,206	37,149
Lake States .....	51,644	47,579	5,766	5,382	384	12,869	28,944	4,177	24,767
Central .....	42,872	41,163	2,929	2,406	523	803	37,431	805	36,627
North .....	177,662	166,141	10,970	9,831	1,139	19,543	135,628	17,914	117,715
South Atlantic .....	48,710	47,677	3,850	3,026	824	950	42,897	5,811	37,086
East Gulf .....	42,296	40,142	3,033	1,818	1,215	627	36,482	9,637	26,845
Central Gulf .....	51,237	50,657	2,921	2,319	603	1,029	46,707	8,322	38,384
West Gulf .....	64,632	49,569	4,496	3,793	704	844	44,229	12,475	31,755
South .....	206,875	188,046	14,300	10,955	3,346	3,430	170,315	36,245	134,070
Pacific Northwest <sup>5</sup> .....	172,136	53,283	27,516	23,329	4,187	7,667	18,101	9,841	8,260
Pacific Southwest <sup>6</sup> .....	42,138	17,251	8,446	8,168	278	683	8,122	2,687	5,435
Northern Rocky Mtn .....	55,682	33,478	22,408	21,312	1,096	2,414	8,657	2,073	6,584
Southern Rocky Mtn .....	82,065	24,287	15,771	15,124	647	2,575	5,941	23	5,918
West .....	352,021	128,299	74,140	67,933	6,208	13,338	40,821	14,624	26,197
All regions .....	736,558	482,486	99,410	88,718	10,692	36,311	346,764	68,782	277,982

See footnotes on page 533.

Table 735.—Timber volume: Net volume of growing stock and sawtimber on commercial timberland, by softwoods and hardwoods, and regions, Jan. 1, 1977<sup>1</sup>

Region	Growing stock <sup>2</sup>			Sawtimber <sup>3</sup>		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
New England .....	41,848	23,383	18,464	75,507	43,800	31,707
Middle Atlantic .....	56,461	7,606	48,856	101,959	17,094	84,865
Lake States .....	44,517	11,901	32,616	97,766	30,984	66,782
Central .....	30,319	1,684	28,635	83,788	4,625	79,163
North .....	173,145	44,574	128,571	359,021	96,504	262,517
South Atlantic .....	59,988	23,333	36,655	171,401	74,317	97,084
East Gulf .....	40,134	24,405	15,729	112,478	74,078	38,400
Central Gulf .....	51,977	23,555	28,422	162,351	87,903	74,448
West Gulf .....	49,910	25,843	24,067	168,478	104,724	63,754
South .....	202,009	97,136	104,873	614,709	341,023	273,686
Pacific Northwest <sup>4</sup> .....	186,130	173,155	12,975	950,326	911,892	38,434
Pacific Southwest <sup>5</sup> .....	49,870	45,979	3,891	264,716	255,611	9,105
Northern Rocky Mtn .....	68,699	67,942	757	269,646	267,567	2,079
Southern Rocky Mtn .....	31,116	26,993	4,122	120,524	112,812	7,711
West .....	335,814	314,069	21,745	1,605,211	1,547,882	57,329
All regions .....	710,968	455,779	255,189	2,578,940	1,985,408	593,532

See footnotes on page 539.

Table 736.—Timber volume: Net volume of sawtimber on commercial timberland in the West, by regions and species, Jan. 1, 1977<sup>1</sup>

Species	Total West	Pacific Northwest <sup>2</sup>	Pacific Southwest <sup>3</sup>	Northern Rocky Mountain	Southern Rocky Mountain
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
Softwoods:					
Douglas-fir .....	514,317	352,954	72,938	74,264	14,160
Ponderosa and Jeffrey pines .....	192,070	68,640	51,300	34,885	37,246
True firs .....	214,540	88,770	71,951	39,551	14,268
Western hemlock .....	256,924	249,397	627	6,873	27
Sugar pine .....	25,001	4,585	20,410	.....	6
Western white pine .....	16,779	5,055	1,245	10,407	72
Redwood .....	22,007	573	21,434	.....	.....
Sitka spruce .....	50,459	50,191	268	.....	.....
Engelmann and other spruce .....	78,492	16,318	9	28,157	34,008
Western larch .....	30,322	12,536	.....	17,786	.....
Western redcedar .....	43,842	33,326	101	10,415	.....
Incense cedar .....	12,687	3,098	9,583	.....	6
Lodgepole pine .....	71,435	15,061	4,142	40,849	11,383
Other .....	19,009	11,889	1,603	4,381	1,637
Total .....	1,547,882	911,892	255,611	267,567	112,812
Hardwoods:					
Cottonwood and aspen .....	14,179	4,479	52	1,938	7,709
Red alder .....	21,559	21,380	179	.....	.....
Oaks .....	5,365	935	4,430	.....	.....
Other .....	16,226	11,639	4,444	141	2
Total .....	57,329	38,434	9,105	2,079	7,711
All species .....	1,605,211	950,326	264,716	269,646	120,524

<sup>1</sup>Net volume in board feet, International ¼-inch log rule. Data may not add to totals because of rounding.<sup>2</sup>Includes Alaska.<sup>3</sup>Includes Hawaii.

Forest Service.

Table 737.—Timber drain: Timber removals and annual mortality of growing stock and sawtimber by softwoods and hardwoods, 1976<sup>1</sup>

Roundwood product, logging residues, and mortality	Growing stock			Sawtimber		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet<sup>2</sup></i>	<i>Million board feet<sup>2</sup></i>	<i>Million board feet<sup>2</sup></i>
Roundwood products:						
Saw logs .....	6,332	4,987	1,345	37,826	30,478	7,349
Veneer .....	1,322	1,226	96	8,694	8,124	570
Pulpwood .....	3,356	2,350	1,006	9,878	7,314	2,564
Other industrial .....	343	226	117	1,456	1,012	445
Fuelwood .....	334	63	272	698	135	563
Total .....	11,687	8,852	2,835	58,552	47,062	11,490
Logging residues .....	1,398	813	585	3,433	2,277	1,156
Other removals .....	1,143	381	762	3,191	1,508	1,683
Total .....	2,542	1,194	1,347	6,624	3,785	2,839
Mortality .....	3,925	2,303	1,622	12,188	8,765	3,423

<sup>1</sup>Timber removals include the net volume of growing-stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use. Data may not add to totals because of rounding.<sup>2</sup>International ¼-inch log rule.

Forest Service.



## FOREST LAND; TIMBER VOLUME

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Table 738.—Timber volume: Net volume of sawtimber on commercial timberland in the East, by regions and species, Jan. 1, 1977<sup>1</sup>

Species	Total East		North				South			
	Total	New England	Middle Atlantic	Lake States	Central	Total	South Atlantic	East Gulf	Central Gulf	West Gulf
Softwoods:	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
White and red pines .....	35,622	14,561	5,215	10,797	64	4,986	3,908	885	793	
Jack pine .....	2,864			2,864	1					
Longleaf and slash pines .....	2,840					51,811	4,769	28,634	13,617	4,791
Loblolly and shortleaf pines .....	244,489		1,682		1,188	241,649	49,401	32,515	66,545	98,188
Other yellow pines .....	25,264	275	2,610		2,099	20,280	11,499	3,066	4,745	431
Spruce and balsam fir .....	26,933	19,065	1,910	5,889		69	69			
Eastern hemlock .....	19,647	6,827	5,243	5,929	84	1,615	1,253	93	269	
Cypress .....	19,494	126			126	19,368	3,507	8,061	1,608	6,192
Ponderosa and Jeffrey pines .....	568			66	502					
Other .....	9,589	3,072	435	5,441	642	1,245	511	284	328	122
Total .....	437,526	43,800	17,094	30,984	4,625	341,023	74,317	74,078	87,903	104,724
Hardwoods:	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
Select white oaks .....	54,986	870	7,956	3,835	14,596	27,730	11,659	2,148	8,980	4,943
Select red oaks .....	31,690	4,711	12,117	8,227	6,696	15,670	6,118	988	5,001	3,613
Other white oaks .....	87,713	85	6,964		5,605	25,059	8,878	3,147	6,218	6,817
Other red oaks .....	83,529	27,075	8,776	2,307	14,240	56,454	15,489	8,657	16,786	15,521
Hickory .....	33,645	11,705	3,501	460	7,403	21,940	6,101	2,254	7,826	5,759
Yellow birch .....	7,628	3,501	1,375	2,635		117	117			
Hard maple .....	28,792	27,443	7,038	10,384	2,840	1,350	696	54	601	59
Soft maple .....	28,424	20,390	7,181	4,512	3,012	8,034	4,784	1,896	994	421
Beech .....	16,780	12,547	5,071	1,996	3,045	4,234	1,817	226	1,173	1,017
Sweetgum .....	32,461	1,387	768		619	31,074	9,553	4,854	7,272	9,395
Tupelo and black gum .....	26,939	1,511	736		775	25,428	9,380	6,834	4,227	4,987
Ash .....	17,801	10,557	2,967	3,190	2,928	7,243	1,890	1,299	1,949	2,226
Cottonwood and aspen .....	21,039	18,492	911	13,799	2,697	2,547	279	44	1,063	1,162
Basswood .....	7,898	6,820	1,897	3,351	1,078	582	84	84	341	71
Yellow-poplar .....	34,111	10,752	6,399	34	4,319	23,359	14,450	8,193	5,692	114
Black walnut .....	2,205	1,647	339	45	1,263	568	247	13	200	79
Black cherry .....	6,862	6,380	5,313	331	507	482	171	40	200	71
Other .....	48,031	26,702	4,896	11,176	7,812	21,829	4,993	2,840	5,998	7,498
Total .....	536,203	262,517	84,865	66,782	79,163	273,686	97,084	38,400	74,448	63,754
All species .....	973,729	359,021	101,959	97,766	83,788	614,709	171,401	112,478	162,351	168,478

<sup>1</sup> Net volume in board feet, International 1/4-inch log rule. Data may not add to totals because of rounding.

Forest Service.

**Table 739.—Timber removals and growth: Timber removals and net annual growth of growing stock and sawtimber on commercial timberland by softwoods and hardwoods and regions, 1976<sup>1</sup>**

Item and region	All species		Softwoods		Hardwoods	
	Removals <sup>2</sup>	Growth <sup>3</sup>	Removals <sup>2</sup>	Growth <sup>3</sup>	Removals <sup>2</sup>	Growth <sup>3</sup>
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>
<b>GROWING STOCK</b>						
New England .....	639	1,345	396	838	244	506
Middle Atlantic .....	663	1,795	103	229	560	1,566
Lake States .....	719	1,617	181	463	538	1,154
Central .....	637	1,035	25	69	612	965
North .....	2,659	5,792	705	1,600	1,953	4,192
South Atlantic .....	1,664	2,748	981	1,265	683	1,433
East Gulf .....	1,367	2,326	1,048	1,722	319	604
Central Gulf .....	1,760	2,910	1,139	1,555	621	1,355
West Gulf .....	1,780	2,721	1,304	1,616	476	1,105
South .....	6,571	10,705	4,471	6,158	2,100	4,547
Pacific Northwest <sup>4</sup> .....	3,319	2,686	3,209	2,225	109	462
Pacific Southwest <sup>5</sup> .....	835	792	818	713	17	79
Northern Rocky Mountain .....	669	1,280	669	1,264	( <sup>6</sup> )	16
Southern Rocky Mountain .....	176	409	173	325	3	84
West .....	4,999	5,168	4,870	4,527	129	641
All regions .....	14,229	21,664	10,046	12,285	4,183	9,380
	<i>Million board feet<sup>7</sup></i>	<i>Million board feet<sup>7</sup></i>	<i>Million board feet<sup>7</sup></i>	<i>Million board feet<sup>7</sup></i>	<i>Million board feet<sup>7</sup></i>	<i>Million board feet<sup>7</sup></i>
<b>SAWTIMBER</b>						
New England .....	2,061	2,773	1,355	1,775	706	998
Middle Atlantic .....	1,954	3,589	267	623	1,687	2,966
Lake States .....	2,044	4,620	528	1,473	1,516	3,147
Central .....	2,354	2,905	73	206	2,282	2,698
North .....	8,413	13,887	2,223	4,077	6,190	9,810
South Atlantic .....	5,771	9,426	3,564	4,620	2,207	4,807
East Gulf .....	4,880	7,534	3,834	5,875	1,046	1,659
Central Gulf .....	7,718	10,547	5,171	6,606	2,547	3,941
West Gulf .....	8,268	9,955	6,370	7,066	1,898	2,889
South .....	26,637	37,463	18,938	24,167	7,698	13,296
Pacific Northwest <sup>4</sup> .....	20,164	12,655	19,786	11,225	379	1,430
Pacific Southwest <sup>5</sup> .....	5,120	4,023	5,072	3,885	47	138
Northern Rocky Mountain .....	3,847	4,882	3,846	4,845	1	37
Southern Rocky Mountain .....	996	1,711	982	1,492	14	218
West .....	30,127	23,271	29,686	21,447	441	1,824
All regions .....	65,177	74,621	50,847	49,692	14,329	24,929

<sup>1</sup>Data may not add to totals because of rounding.<sup>2</sup>Timber removals include the net volume of growing-stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use.<sup>3</sup>The considerable excess of cut over growth for most western softwoods is not entirely due to overcutting. Growth is at a low level because part of the commercial forest area consists of old-growth timber which contributes little to net annual growth, and an excess of cut over growth is necessary to achieve a more regulated forest containing a desirable balance of growing stock by age classes.<sup>4</sup>Includes Alaska.<sup>5</sup>Includes Hawaii.<sup>6</sup>Less than 500,000 cubic feet.<sup>7</sup>International 1/4-inch log rule.

Forest Service.

Table 740.—National Forest System: National Forest System lands and other lands within unit boundaries, in States and Territories, Sept. 30, 1979

State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>	State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres
Ala .....	1,263	643	620	N. Mex .....	10,272	9,244	1,028
Alaska .....	20,777	20,160	617	N.Y. ....	13	13	.....
Ariz .....	11,936	11,270	666	N.C. ....	3,165	1,159	2,006
Ark .....	3,502	2,471	1,031	N. Dak .....	1,106	1,106	( <sup>3</sup> )
Calif .....	24,273	20,343	3,930	Ohio .....	834	174	660
Colo .....	15,933	14,415	1,518	Okla .....	461	293	168
Conn .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	Oreg .....	17,453	15,610	1,843
Fla .....	1,224	1,094	130	Pa .....	743	509	234
Ga .....	1,911	860	1,051	S.C. ....	1,382	608	774
Idaho .....	21,686	20,423	1,263	S. Dak .....	2,269	1,995	274
Ill .....	840	259	581	Tenn .....	1,204	621	583
Ind .....	645	184	461	Tex .....	1,994	782	1,212
Kans .....	108	108	.....	Utah .....	9,129	8,046	1,083
Ky .....	2,102	665	1,437	Vt .....	629	271	358
La .....	1,023	598	425	Va .....	3,224	1,612	1,612
Maine .....	94	52	42	Wash .....	10,026	9,067	959
Mich .....	4,870	2,716	2,154	W. Va .....	1,861	966	895
Minn .....	5,466	2,795	2,671	Wis .....	2,023	1,497	526
Miss .....	2,310	1,140	1,170	Wyo .....	9,691	9,253	438
Mo .....	3,082	1,460	1,622	P.R .....	56	28	28
Mont .....	19,086	16,751	2,335	V.I .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Nebr .....	441	352	89	Total .....	226,344	187,451	38,893
Nev .....	5,423	5,144	279				
N.H .....	814	694	120				

<sup>1</sup>National Forest System lands.—A nationally significant system of Federally owned units of forest, range and related land consisting of national forests, purchase units, national grasslands, and other lands, waters and interest in lands which are administered by the Forest Service or designated for administration through the Forest Service.

National forests.—Areas formally established and permanently held for national forest purposes.

Purchase units.—Areas designated by the Secretary of Agriculture or previously approved by the National Forest Reservation Commission for purposes of Weeks Law Acquisition.

National grasslands.—Areas designated "National grasslands" by the Secretary of Agriculture and permanently held by the Department of Agriculture under Title III of the Bankhead-Jones Farm Tenant Act.

Land utilization projects.—Areas designated by the Secretary of Agriculture for conservation and utilization under Title III of the Bankhead-Jones Farm Tenant Act.

Research and experimental areas.—Areas reserved and dedicated by the Secretary of Agriculture for forest or range research and experimentation.

Other areas.—Lands administered by the Forest Service that are not included in the above groups.

<sup>2</sup>Other lands within unit boundaries.—Lands within the unit boundaries in private, State, county, and municipal ownership and Federal lands over which the Forest Service has no jurisdiction. Areas of such lands which have been offered to the United States and have been approved for acquisition and subsequent Forest Service administration, but to which title had not yet been accepted by the United States.

<sup>3</sup>Less than 500 acres.

Forest Service.

## FOOTNOTES FOR TABLE 735

<sup>1</sup>Data may not add to totals because of rounding.

<sup>2</sup>Net volume in cubic feet of live sawtimber and poletimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

<sup>3</sup>Net volume of the sawlog portion of live sawtimber trees in board feet, International 1/4-inch log rule. Live trees of commercial species containing at least one 12-foot saw log or two noncontiguous 8-foot saw logs, and meeting regional specifications for freedom from defect. Softwoods must be at least 9.0 inches in diameter at breast height, hardwoods 11.0 inches.

<sup>4</sup>Includes Alaska.

<sup>5</sup>Includes Hawaii.

Forest Service.

Table 741.—Cooperative tree planting: Forest tree distribution program, with costs, United States, fiscal year 1965-78<sup>1</sup>

Year ending June 30 <sup>2</sup>	Trees distributed	Costs			Year ending June 30 <sup>2</sup>	Trees distributed	Costs		
		Federal contribution <sup>3</sup>	State expenditure	Total			Federal contribution <sup>3</sup>	State expenditure	Total
	Thousands	1,000 dollars	1,000 dollars	1,000 dollars		Thousands	1,000 dollars	1,000 dollars	1,000 dollars
1965 .....	508,651	216	6,649	6,865	1972 .....	552,997	175	5,636	5,810
1966 .....	521,440	219	6,593	6,812	1973 .....	581,090	214	5,986	6,200
1967 .....	572,088	220	7,769	7,989	1974 .....	539,549	216	6,674	6,890
1968 .....	573,067	221	8,836	9,057	1975 .....	577,996	225	5,122	5,347
1969 .....	523,986	203	9,911	10,114	1976 .....	506,464	140	( <sup>4</sup> )	( <sup>4</sup> )
1970 .....	494,941	197	8,347	8,544	1977 .....	657,299	145	( <sup>4</sup> )	( <sup>4</sup> )
1971 .....	598,762	165	5,675	5,840	1978 .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )

<sup>1</sup>Includes Puerto Rico; excludes Alaska. <sup>2</sup>Fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 for 1977-78. <sup>3</sup>Provided by Clark-McNary law, Act of June 7, 1924, as amended. <sup>4</sup>Not available.

Forest Service.

Table 742.—Cooperative forest management: Accomplishments and expenditures, United States, fiscal years 1965-79<sup>1</sup>

Year ending June 30 <sup>2</sup>	Accomplishments				Expenditures		
	Woodland owners assisted	Woodland involved	Products harvested	Gross sale value	Federal	State	Total
	Number	1,000 acres	1,000 bd. ft.	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965 .....	99,074	6,165	716,950	17,442	2,730	4,109	6,839
1966 .....	105,014	6,553	682,088	22,575	3,171	4,259	7,430
1967 .....	107,654	6,232	517,368	22,005	3,157	5,021	8,178
1968 .....	106,328	7,775	704,241	23,265	3,184	5,677	8,861
1969 .....	109,885	7,184	855,336	31,429	3,130	6,356	9,486
1970 .....	115,197	6,945	1,225,520	31,881	3,655	7,972	11,627
1971 .....	127,823	7,937	860,950	27,338	4,568	9,080	13,648
1972 .....	274,001	11,158	955,651	23,608	4,286	10,322	14,604
1973 .....	106,422	6,472	1,578,664	37,709	4,133	12,394	16,527
1974 .....	117,990	7,106	907,811	44,458	4,260	15,185	19,445
1975 .....	140,940	10,369	663,740	27,517	4,663	17,771	22,434
1976 .....	105,184	4,085	595,935	( <sup>3</sup> )	4,687	18,646	23,333
1977 .....	133,619	4,614	921,171	( <sup>3</sup> )	5,529	( <sup>3</sup> )	( <sup>3</sup> )
1978 .....	165,329	5,750	1,120,743	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1979 .....	153,585	5,382	755,103	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup>Under the Cooperative Forest Management Act of August 25, 1950, and related legislation. <sup>2</sup>Fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 for 1977-79. <sup>3</sup>Not available.

Forest Service.

Table 743.—Forest fires: Expenditures for protection on State and private forest lands, United States, fiscal years 1965-79<sup>1</sup>

Year ending June 30 <sup>2</sup>	Federal <sup>3</sup>	State and county	Private owners	Total expenditures	Year ending June 30 <sup>2</sup>	Federal <sup>3</sup>	State and county	Private owners	Total expenditures
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965 .....	12,783	62,612	1,167	76,562	1973 .....	20,025	116,013	847	136,885
1966 .....	12,803	71,812	1,243	85,858	1974 .....	20,079	130,286	( <sup>4</sup> )	150,365
1967 .....	12,834	76,612	1,503	90,949	1975 .....	25,182	143,866	( <sup>4</sup> )	169,048
1968 .....	14,357	80,464	1,249	96,070	1976 .....	22,642	167,125	( <sup>4</sup> )	189,767
1969 .....	14,396	85,222	1,337	100,955	1977 .....	20,659	196,304	( <sup>4</sup> )	216,963
1970 .....	16,440	95,293	1,816	113,549	1978 .....	30,008	181,975	( <sup>4</sup> )	211,983
1971 .....	16,505	106,782	1,387	124,674	1979 <sup>5</sup> .....	30,565	185,627	( <sup>4</sup> )	216,192
1972 .....	20,000	104,732	818	125,550					

<sup>1</sup>Excludes emergency funds. <sup>2</sup>Fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 for 1977-79. <sup>3</sup>Excludes administration and inspection costs. <sup>4</sup>Included in "State and county." <sup>5</sup>Preliminary.

Forest Service.



**Table 744.—Forest fires: Number, area burned over, and forest area on national forest land, and State and private lands, United States, 1965-79**

Year	National forest lands			State and private forest lands					
	Fires	Area burned over	National forest area under Forest Service administration <sup>1</sup>	On protected area			On unprotected area		
				Fires	Area burned over	Forest area	Fires	Area burned over	Forest area
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1965 .....	7,083	64	182,139	91,495	1,206	472,023	13,116	1,300	30,294
1966 .....	8,365	303	182,273	98,157	1,908	469,323	12,772	1,401	46,748
1967 .....	8,988	151	182,507	102,267	1,926	479,623	11,263	2,390	37,587
1968 .....	7,118	158	182,616	107,689	1,633	486,461	7,655	1,394	28,539
1969 .....	7,409	75	182,340	97,393	1,582	511,965	5,846	995	31,127
1970 .....	11,386	446	182,571	101,455	1,541	520,501	5,313	1,019	45,751
1971 .....	9,233	117	182,578	91,673	1,827	574,443	3,558	733	39,528
1972 .....	11,184	95	182,774	83,010	1,050	631,162	25,607	359	59,581
1973 .....	9,608	134	183,014	78,877	1,086	626,523	26,274	153	63,959
1974 .....	10,625	138	183,045	105,835	1,511	708,129	24,993	168	63,885
1975 .....	8,646	153	183,280	91,026	1,119	726,356	31,574	264	70,848
1976 .....	11,006	108	183,381	157,035	2,119	737,228	68,864	2,472	101,192
1977 .....	11,474	391	183,447	142,577	2,096	748,692	15,148	254	98,501
1978 .....	9,971	86	183,555	130,798	1,553	773,772	73,954	2,156	93,972
1979 <sup>2</sup> .....	9,181	350	183,187	104,413	1,317	783,522	44,915	433	89,518

<sup>1</sup> As of June 30. <sup>2</sup> Preliminary.

Forest Service.

**Table 745.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1965-79**

Year ending June 30 <sup>1</sup>	Total timber cut <sup>2</sup>		Value of miscellaneous forest products <sup>4</sup>	Total value including free-use timber	Year ending June 30 <sup>1</sup>	Total timber cut <sup>2</sup>		Value of miscellaneous forest products <sup>4</sup>	Total value including free-use timber
	Volume	Value <sup>3</sup>				Volume	Value <sup>3</sup>		
	<i>Million bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>Million bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	11,244	161,106	494	161,880	1973 .....	12,357	479,233	515	480,124
1966 .....	12,138	195,590	572	196,427	1974 .....	10,958	508,615	519	509,916
1967 .....	10,851	188,711	575	189,563	1975 .....	9,174	365,952	1,369	368,423
1968 .....	12,129	239,311	622	240,226	1976 .....	9,575	492,029	1,224	549,567
1969 .....	11,783	326,997	665	327,944	( <sup>5</sup> ) .....	(3,432)	(209,938)	(129)	(210,067)
1970 .....	11,527	307,610	695	308,638	1977 .....	10,482	732,547	1,002	735,949
1971 .....	10,341	257,020	623	258,404	1978 .....	10,080	854,682	1,174	858,474
1972 .....	11,700	381,957	546	382,946	1979 .....	10,377	968,033	1,149	973,018

<sup>1</sup> Fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 for 1977-79. <sup>2</sup> Commercial and cost sales and land exchanges. <sup>3</sup> Includes collections for forest restoration or improvement under the Knutson-Vanderberg Act, 1930. <sup>4</sup> Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc. <sup>5</sup> Includes free-use timber for 15-month period ending Sept. 30, 1976. <sup>6</sup> Transition quarter July 1, 1976-Sept. 30, 1976.

Forest Service.

**Table 746.—Lumber: Production, United States, 1965-79**

Year	Total	Softwoods	Hardwoods	Year	Total	Softwoods	Hardwoods
	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>		<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>
1965 .....	36,762	29,295	7,467	1973 .....	38,595	31,586	7,009
1966 .....	36,584	28,847	7,737	1974 .....	34,608	27,704	6,904
1967 .....	34,741	27,311	7,430	1975 .....	32,619	26,747	5,872
1968 .....	36,473	29,285	7,188	1976 .....	36,295	29,878	6,417
1969 .....	35,824	28,342	7,482	1977 .....	37,882	31,203	6,679
1970 .....	34,668	27,530	7,138	1978 <sup>1</sup> .....	38,233	31,273	6,960
1971 .....	36,988	30,039	6,949	1979 <sup>1</sup> .....	36,965	29,674	7,291
1972 .....	37,745	30,975	6,770				

<sup>1</sup> Preliminary.

Forest Service.

Table 747.—Timber products: Production, imports, exports, and consumption, United States, 1965-78<sup>1</sup>

Year	Industrial roundwood used for—											
	Lumber				Plywood and veneer				Pulp products			
	Domestic production	Imports	Exports	Consumption	Domestic production	Imports	Exports	Consumption	Domestic production	Imports <sup>2</sup>	Exports <sup>2</sup>	Consumption
	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>
1965 ..	5,665	815	145	6,335	1,030	100	5	1,125	3,095	1,175	380	3,890
1966 ..	5,630	810	160	6,280	1,030	115	5	1,140	3,190	1,290	420	4,060
1967 ..	5,325	800	175	5,950	1,030	110	10	1,130	3,190	1,240	460	3,970
1968 ..	5,545	960	180	6,325	1,120	165	10	1,275	3,385	1,260	525	4,120
1969 ..	5,415	980	180	6,220	1,050	175	20	1,210	3,585	1,340	570	4,355
1970 ..	5,215	955	195	5,970	1,020	170	15	1,170	3,385	1,280	720	4,400
1971 ..	5,385	1,130	165	6,355	1,175	210	15	1,365	3,560	1,310	620	4,255
1972 ..	5,535	1,415	215	6,740	1,300	270	25	1,550	3,520	1,365	625	4,260
1973 ..	5,670	1,460	300	6,830	1,320	225	40	1,510	3,755	1,460	640	4,575
1974 ..	5,095	1,115	270	5,940	1,150	155	50	1,255	4,220	1,470	805	4,885
1975 ..	4,890	930	255	5,565	1,165	170	70	1,265	3,485	1,105	715	3,875
1976 ..	5,475	1,290	290	6,475	1,355	215	65	1,500	3,805	1,320	710	4,420
1977 ..	5,730	1,675	260	7,140	1,425	210	35	1,600	3,645	1,395	725	4,320
1978 <sup>4</sup> ..	5,820	1,910	285	7,440	1,460	225	50	1,635	3,745	1,610	730	4,630

Year	Industrial roundwood used for—Continued								Fuel-wood, production and consumption	Domestic production, all products	Consumption, all products
	Other industrial products, <sup>5</sup> production and consumption	Logs		Pulpwood chip exports	Total						
		Imports	Exports		Domestic production	Imports	Exports	Consumption			
	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>	<i>Million cu. ft.<sup>3</sup></i>
1965 ..	560	15	205	5	10,555	2,105	740	11,925	915	11,470	12,840
1966 ..	565	20	240	15	10,665	2,230	835	12,060	845	11,510	12,905
1967 ..	515	15	335	40	10,435	2,165	1,020	11,580	775	11,215	12,355
1968 ..	485	15	440	85	11,060	2,400	1,235	12,220	700	11,760	12,920
1969 ..	455	15	410	120	11,030	2,515	1,295	12,250	620	11,650	12,870
1970 ..	425	25	465	145	11,105	2,430	1,540	11,995	540	11,640	12,530
1971 ..	415	15	390	110	11,035	2,670	1,295	12,410	500	11,535	12,910
1972 ..	405	10	535	140	11,440	3,060	1,545	12,960	475	11,915	13,435
1973 ..	405	5	575	200	11,925	3,150	1,755	13,325	505	12,430	13,830
1974 ..	395	15	455	230	11,540	2,755	1,805	12,490	535	12,075	13,025
1975 ..	385	15	455	195	10,570	2,220	1,685	11,105	570	11,140	11,675
1976 ..	380	15	555	245	11,815	2,840	1,870	12,785	600	12,415	13,385
1977 ..	390	30	525	250	11,965	3,310	1,795	13,480	<sup>6</sup> 635	12,600	14,115
1978 <sup>4</sup> ..	400	20	585	225	12,230	3,760	1,870	14,125	<sup>6</sup> 680	12,910	14,805

<sup>1</sup> Data may not add to totals because of rounding.<sup>2</sup> Includes both pulpwood and the pulpwood equivalent of wood pulp, paper, and board.<sup>3</sup> Roundwood equivalent.<sup>4</sup> Preliminary.<sup>5</sup> Includes coeprage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.<sup>6</sup> Judgement estimate subject to major revisions.

Forest Service.

**Table 748.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1965-79**

Year	Douglas-fir <sup>1</sup>	Southern pine <sup>2</sup>	Ponderosa pine <sup>3</sup>	Western hemlock <sup>4</sup>	All eastern hardwoods	Oak, white, red, and black <sup>5</sup>	Maple <sup>5</sup>
	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>
1965	42.60	31.70	19.80	19.10	25.00	21.30	31.90
1966	50.00	38.60	19.80	20.50	29.30	23.20	40.90
1967	41.70	38.30	22.20	21.80	27.00	16.80	46.80
1968	61.20	42.20	30.20	35.60	23.60	17.30	31.30
1969	82.20	51.70	71.00	45.10	30.20	28.20	41.10
1970	41.90	44.10	32.10	20.50	26.90	26.60	34.40
1971	49.00	52.20	37.60	20.60	24.60	21.20	37.80
1972	71.70	65.60	65.80	49.00	34.30	26.60	59.40
1973	138.10	93.40	92.30	99.20	46.00	43.60	71.40
1974	202.40	76.20	100.60	110.80	45.90	54.70	79.50
1975	169.50	57.00	71.20	68.80	33.90	29.70	39.60
1976	176.20	87.00	101.80	79.70	34.90	43.40	36.60
1977	225.90	100.30	131.40	89.30	37.90	60.00	42.10
1978	250.30	134.50	164.70	113.60	41.10	59.20	57.40
1979	394.40	155.20	239.00	200.80	46.80	63.80	33.90

<sup>1</sup> Western Washington and western Oregon. <sup>2</sup> Southern region. <sup>3</sup> California region. Includes Jeffrey pine.<sup>4</sup> Pacific Northwest region. <sup>5</sup> Eastern and Southern regions.

Forest Service. All U.S. Forest Service national forest prices in this table are bid prices (including KV payments) for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International  $\frac{1}{4}$ -inch log rule is used. Prices exclude timber sold by land exchanges and from land utilization project lands.

**Table 749.—Timber products: Producer price indexes, selected products, United States, 1965-79**  
[1967 = 100]

Year	Lumber	Plywood <sup>1</sup>	Wood pulp	Paper	Paperboard	Year	Lumber	Plywood <sup>1</sup>	Wood pulp	Paper	Paperboard
1965	94.0	103.9	100.1	94.6	101.5	1973	205.2	201.8	128.3	121.4	115.1
1966	100.1	109.2	100.0	97.5	102.2	1974	207.1	227.3	217.8	148.6	152.2
1967	100.0	100.0	100.0	100.0	100.0	1975	192.5	238.3	283.4	172.9	170.3
1968	117.4	133.6	100.0	102.0	95.9	1976	233.0	263.1	286.0	182.3	176.0
1969	131.6	140.3	100.0	105.5	99.4	1977	276.5	295.2	281.1	194.3	176.2
1970	113.7	116.4	109.6	111.0	101.1	1978	322.4	349.0	266.5	206.1	179.6
1971	136.0	131.2	112.1	114.2	102.4	1979 <sup>2</sup>	354.3	365.2	314.3	229.6	202.1
1972	159.4	158.6	111.5	116.3	105.5						

<sup>1</sup> Softwood plywood, interior panel  $\frac{1}{4}$ -inch, grade A-D. <sup>2</sup> Preliminary.

Forest Service. Compiled from reports of the U.S. Department of Labor, Bureau of Labor Statistics.

**Table 750.—Livestock on National Forest System lands: Number grazed, and grazing receipts, United States, 1965-79**

Year	Number grazed <sup>1</sup>		Receipts from grazing <sup>3</sup>	Year	Number grazed <sup>1</sup>		Receipts from grazing <sup>3</sup>
	Cattle and horses <sup>2</sup>	Sheep and goats			Cattle and horses <sup>2</sup>	Sheep and goats	
	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>
1965	1,376	2,112	3,521	1973	1,571	1,598	6,196
1966	1,476	2,309	3,861	1974	1,580	1,470	7,796
1967	1,521	2,264	4,184	1975	1,626	1,549	7,665
1968	1,531	2,210	4,083	1976	1,690	1,750	10,909
1969	1,577	2,162	4,438	1977 <sup>4</sup>	1,587	1,473	11,443
1970	1,607	2,105	4,371	1978 <sup>4</sup>	1,557	1,284	11,845
1971	1,606	2,051	5,413	1979 <sup>4</sup>	1,540	1,249	12,520
1972	1,633	2,049	5,515				

<sup>1</sup> Data for years 1965-72 are for livestock permitted to graze, 1973-76 are for authorized use, and 1977-79 are number actually grazed. <sup>2</sup> Prior to 1973 data included swine. <sup>3</sup> Fiscal years ending June 30 for 1965-76.

<sup>4</sup> Fiscal years ending September 30. <sup>5</sup> Includes burros.

Forest Service.

**Table 751.—Livestock on National Forest System lands: Number grazed and grazing receipts for the year ending Sept. 30, 1979, by States**

State or other area	Number grazed		Receipts from grazing <sup>1</sup>	State or other area	Number grazed		Receipts from grazing <sup>1</sup>
	Cattle, horses, and burros	Sheep and goats			Cattle, horses, and burros	Sheep and goats	
	<i>Number</i>	<i>Number</i>	<i>Dollars</i>		<i>Number</i>	<i>Number</i>	<i>Dollars</i>
Ala .....	689	.....	1,263	N. Dak .....	61,907	619	214
Ariz .....	129,313	53,472	1,949,568	Okla .....	4,199	.....	2,258
Ark .....	7,264	.....	7,844	Oreg .....	98,042	47,378	723,665
Calif .....	120,773	85,798	<sup>2</sup> 823,248	S.C .....	80	.....	.....
Colo .....	207,671	252,593	1,333,948	S. Dak .....	73,871	5,026	180,251
Fla .....	1,931	.....	7,329	Tex .....	10,150	.....	6,723
Ga .....	558	.....	2,172	Utah .....	111,691	258,069	965,279
Idaho .....	136,284	221,443	1,133,955	Vt .....	45	.....	27
Ill .....	498	1,323	.....	Va .....	705	104	1,737
Ind .....	150	.....	205	Wash .....	50,373	7,554	179,105
Kans .....	5,723	.....	.....	W. Va .....	1,339	226	7,560
Ky .....	.....	.....	123	Wis .....	78	.....	.....
La .....	4,493	.....	8,057	Wyo .....	157,624	200,743	899,106
Mich .....	58	.....	.....	National forests .....	1,348,170	1,223,405	11,827,728
Minn .....	114	.....	.....	National grasslands and land utilization project lands .....	191,520	25,472	1,192,252
Miss .....	2,133	6	4,099				
Mo .....	4,478	.....	10,928				
Mont .....	144,914	43,590	967,068				
Nebr .....	20,042	510	204,498				
Nev .....	75,454	45,658	487,107				
N. Mex .....	105,461	24,765	1,420,391	Total .....	1,539,690	1,248,877	12,519,980
N.Y .....	1,559	.....	.....				
N.C .....	26	.....	.....				

<sup>1</sup>Receipts shown by States are for national forests only; breakdown for national grasslands and land utilization project lands is not available.

<sup>2</sup>Includes \$3,258 in receipts from Oregon and California Railroad Grant Lands.

Forest Service.

**Table 752.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1965–79**

Year ending June 30 <sup>1</sup>	From the use of timber <sup>2</sup>	From the use of grazing	From special land uses, water power, etc.	Total <sup>2</sup>	Year ending June 30 <sup>1</sup>	From the use of timber <sup>2</sup>	From the use of grazing	From special land uses, water power, etc.	Total <sup>2</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	138,772	3,521	6,946	149,239	1973 .....	446,733	6,196	16,819	469,748
1966 .....	164,940	3,861	6,816	175,616	1974 .....	459,892	7,796	17,996	485,684
1967 .....	172,791	4,184	7,541	184,517	1975 .....	341,305	7,665	24,091	373,061
1968 .....	205,627	4,083	8,613	218,323	1976 .....	418,564	10,909	25,190	454,663
1969 .....	306,815	4,438	10,001	321,254	( <sup>3</sup> ) .....	(196,347)	(1,164)	(7,489)	(205,000)
1970 .....	283,907	4,371	11,425	299,703	1977 .....	652,050	11,443	28,076	691,569
1971 .....	217,035	5,413	13,741	236,189	1978 .....	723,330	11,345	30,681	765,356
1972 .....	330,030	5,515	14,462	350,007	1979 .....	827,604	12,520	40,865	880,989

<sup>1</sup>Fiscal years July 1–June 30 for 1965–76; Oct. 1–Sept. 30 for 1977–79.

<sup>2</sup>Includes receipts from Oregon and California Railroad Grant Lands.

<sup>3</sup>Transition quarter July 1, 1976–Sept. 30, 1976.

Forest Service.



**Table 753.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years<sup>1</sup> 1978–1980<sup>2</sup>**

State or other area	1978	1979	1980	State or other area	1978	1979	1980
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala .....	686	624	894	N.H .....	239	251	253
Alaska .....	2,555	3,110	3,574	N. Mex .....	2,046	2,855	2,557
Ariz .....	4,889	5,037	5,009	N.C .....	258	315	332
Ark .....	2,992	3,055	3,590	N. Dak .....			( <sup>3</sup> )
Calif .....	47,866	49,613	50,452	Ohio .....	52	44	81
Colo .....	1,878	1,336	1,897	Okla .....	407	451	517
Fla .....	1,079	1,027	1,286	Oreg .....	89,775	101,553	121,081
Ga .....	537	826	797	Pa .....	352	474	549
Idaho .....	14,379	11,807	13,805	S.C .....	992	1,897	2,147
Ill .....	43	32	53	S. Dak .....	476	743	675
Ind .....	33	56	106	Tenn .....	224	170	232
Ky .....	222	116	211	Tex .....	1,325	1,344	1,382
La .....	2,525	2,759	3,185	Utah .....	630	885	918
Maine .....	17	17	17	Vt .....	131	55	68
Mich .....	672	600	730	Va .....	116	150	181
Minn .....	397	360	402	Wash .....	28,795	31,191	40,289
Miss .....	4,193	4,572	5,025	W. Va .....	106	129	161
Mo .....	2,113	1,907	3,102	Wis .....	475	350	392
Mont .....	9,428	8,259	9,460	Wyo .....	851	1,116	1,251
Nebr .....	46	45	59	P.R. ....	4	4	7
Nev .....	294	228	255	Total .....	224,098	238,863	276,982

<sup>1</sup> Fiscal years Oct. 1–Sept. 30.<sup>2</sup> Payments under the acts of May 28, 1908 (as amended), July 24, 1956 and Oct. 22, 1976, are 25 percent of total receipts remaining after deducting (a) payments to Arizona and New Mexico on account school section lands administered by Forest Service, (b) appropriations of receipts under laws authorizing such appropriations for acquisition of lands in specified national forests or portions thereof, and (c) receipts from an area of the Superior National Forest, Minnesota, on account of which the State (for the counties) is paid 0.75 percent of the appraised valuation in lieu of 25 percent of the receipts. Payments made in the following year.<sup>3</sup> Less than \$500.

Forest Service.

**Table 754.—National Forest System lands: Number of visitor-days,<sup>1</sup> by States, and Puerto Rico, for the year ending Sept. 30, 1979**

State or other area	Developed sites	Dispersed type	Total	State or other area	Developed sites	Dispersed type	Total
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>		<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
Ala .....	272	882	1,154	N. Mex .....	2,206	3,305	5,511
Alaska .....	886	2,350	3,236	N.Y .....	9	12	21
Ariz .....	5,356	8,483	13,839	N.C .....	1,238	3,253	4,491
Ark .....	757	2,025	2,783	N. Dak .....	13	108	121
Calif .....	22,379	31,947	54,326	Ohio .....	54	308	362
Colo .....	9,606	12,433	22,039	Okla .....	77	315	393
Fla .....	1,422	1,807	3,229	Oreg .....	8,001	10,016	18,017
Ga .....	363	1,536	1,899	Pa .....	620	1,432	2,052
Idaho .....	3,526	7,014	10,541	S.C .....	224	762	986
Ill .....	208	621	829	S. Dak .....	594	1,617	2,211
Ind .....	199	541	740	Tenn .....	861	1,169	2,030
Kans .....	6	25	31	Tex .....	341	1,501	1,842
Ky .....	632	1,930	2,562	Utah .....	4,640	7,861	12,501
La .....	212	332	544	Vt .....	409	150	559
Maine .....	49	36	86	Va .....	633	2,660	3,293
Mich .....	1,330	3,686	5,016	Wash .....	5,238	8,339	13,577
Minn .....	1,151	2,999	4,150	W. Va .....	361	920	1,281
Miss .....	286	942	1,228	Wis .....	492	1,390	1,882
Mo .....	345	1,111	1,457	Wyo .....	2,055	3,662	5,717
Mont .....	2,502	5,828	8,330	P.R. ....	396	299	696
Nebr .....	46	106	151	Total <sup>2</sup> .....	81,861	138,304	220,166
Nev .....	974	1,104	2,078				
N.H .....	892	1,489	2,381				

<sup>1</sup> Recreational use of national forest land and water which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent.<sup>2</sup> Data may not add to totals because of rounding.

Forest Service.

**Table 755.—Hunting and fishing in National Forest System lands: Sportsman use, and population and hunter harvest of big game animals, United States 1965–79**

Year	Visitor-days <sup>1</sup>		Big game <sup>2</sup>		Big game hunter harvest <sup>4</sup>	
	Fishermen	Hunters	Deer	Others <sup>3</sup>	Deer	Others <sup>3</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965 .....	16,197	14,100	4,023	623	574	96
1966 .....	14,709	13,119	3,800	618	516	87
1967 .....	13,956	13,249	3,996	634	530	93
1968 .....	14,521	14,043	3,839	596	535	90
1969 .....	14,868	14,148	3,691	599	562	96
1970 .....	15,239	14,308	3,609	601	493	99
1971 .....	14,842	13,130	3,467	602	471	96
1972 .....	15,457	13,740	3,292	608	396	84
1973 .....	15,761	14,232	3,065	610	376	89
1974 .....	16,403	14,423	2,992	636	376	101
1975 .....	16,151	14,472	2,809	647	338	97
1976 .....	16,098	14,059	2,698	652	312	105
1977 .....	16,029	14,517	2,723	686	291	96
1978 .....	16,559	14,946	2,778	682	359	106
1979 .....	16,776	15,328	2,667	668	354	101

<sup>1</sup> A visitor-day represents fisherman or hunter use which aggregates 12 person-hours. This may entail one person for 12 hours, 12-persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. Beginning 1978 data for fiscal year ending Sept. 30.

<sup>2</sup> Inventory as of Apr. 30.

<sup>3</sup> Includes antelope, elk, bears, lions, moose, mountain goats, bighorn sheep, peccaries, and wild boar; population data also include alligators, beginning 1973.

<sup>4</sup> Years 1965–77 ending June 30; years 1978–79 ending April 30.

Forest Service.

**Table 756.—Pulpwood consumption, wood pulp production, and paper and board production and consumption, United States, 1965–78**

Year	Pulpwood <sup>1</sup> consumption	Wood pulp production	Paper and board		
			Production	Estimated total con- sumption or new supply <sup>2</sup>	Per capita consumption
	<i>1,000 cords<sup>3</sup></i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Pounds</i>
1965 .....	51,970	33,993	44,091	49,111	506
1966 .....	56,260	36,603	47,113	52,680	536
1967 .....	55,932	36,660	46,899	51,940	523
1968 .....	62,092	40,892	51,245	55,666	555
1969 .....	65,892	42,813	54,058	58,796	580
1970 .....	67,562	43,546	53,516	58,057	567
1971 .....	67,157	43,903	55,086	59,672	576
1972 .....	71,538	46,767	59,457	64,510	618
1973 .....	73,596	48,327	61,304	66,881	636
1974 .....	74,327	48,349	59,930	64,669	610
1975 .....	65,421	43,084	52,521	55,955	524
1976 .....	72,011	47,721	59,898	63,951	595
1977 .....	73,985	49,132	62,722	67,338	621
1978 <sup>4</sup> .....	74,170	49,694	64,300	70,699	647

<sup>1</sup> Includes changes in stocks.

<sup>2</sup> Production plus imports and minus exports; changes in inventories not taken into account.

<sup>3</sup> One cord equals 128 cubic feet.

<sup>4</sup> Preliminary.

Forest Service. Compiled from U.S. Department of Commerce publications.

FOOTNOTES FOR TABLE 759

<sup>1</sup> Reports of the U.S. Department of Commerce.

<sup>2</sup> Breakdown between gum and wood not available prior to 1976. All imports are included in "Gum" in "Total supply" prior to 1976.

<sup>3</sup> Barrels of 50 gallons.

<sup>4</sup> Total supply less exports and Mar. 31 stocks.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 757.—Turpentine and rosin: Reported industrial consumption, United States, 1977-79**

Year	Turpentine, crop year beginning April			Rosin, <sup>1</sup> crop year beginning April		
	1977	1978	1979	1977	1978	1979
	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Drums</i> <sup>3</sup>	<i>Drums</i> <sup>3</sup>	<i>Drums</i> <sup>3</sup>
Chemicals and rubber .....	464,150	496,840	497,720	376,040	362,100	353,650
Ester gums and synthetic resins .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	241,940	233,130	268,020
Paint, varnish, and lacquer .....	1,020	650	410	22,260	19,440	21,660
Paper and paper size .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	357,560	463,610	352,510
Other industries .....	8,110	7,780	6,180	75,750	89,540	68,690
<b>Total .....</b>	<b>473,280</b>	<b>505,270</b>	<b>504,310</b>	<b>1,073,550</b>	<b>1,167,820</b>	<b>1,064,530</b>

<sup>1</sup>Includes B-wood resin.<sup>2</sup>Barrels of 50 gallons.<sup>3</sup>Drums of 520 pounds net weight for wood; 517 pounds for gum.<sup>4</sup>Included in other industries to avoid disclosure of individual operations.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

**Table 758.—Gum naval stores: Market prices and value, United States, 1965-79**

Crop year beginning April	Average price per standard barrel received by producers for commercial crude gum delivered at central stills	Weight average market price <sup>1</sup>		Market value of production		
		Turpentine, per gallon	Rosin, per 100 pounds net	Turpentine	Rosin	Turpentine and Rosin
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	30.20	0.555	10.36	3,091	19,352	22,443
1966 .....	29.80	.562	10.30	2,366	14,534	16,900
1967 .....	31.00	.574	10.36	1,944	11,966	13,910
1968 .....	31.24	.770	10.45	1,941	9,241	11,182
1969 .....	36.57	1.138	11.80	1,991	7,244	9,235
1970 .....	47.37	1.200	15.03	1,550	6,818	8,368
1971 .....	51.14	1.200	16.93	1,702	6,210	7,912
1972 .....	55.17	1.046	18.89	1,389	8,694	10,083
1973 .....	60.97	.806	22.72	863	8,737	9,600
1974 .....	84.36	1.389	35.92	1,084	10,106	11,190
1975 .....	59.59	1.585	25.15	1,640	9,338	10,978
1976 .....	59.46	1.427	24.46	1,278	7,971	9,249
1977 .....	65.46	1.425	25.35	1,035	6,702	7,737
1978 .....	67.82	1,610	27.54	784	4,925	5,709
1979 .....	82.19	2.036	35.05	686	4,385	5,071

<sup>1</sup>Computed from data compiled by the Market News Service in Raleigh, N.C.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

## FOOTNOTES FOR TABLE 760

<sup>1</sup>Imports for consumption, as reported by the U.S. Department of Commerce.<sup>2</sup>Breakdown between gum and wood not available prior to 1976. All imports are included in "Gum" in "Total supply" prior to 1976.<sup>3</sup>Drums of 520 pounds net weight for wood; 517 pounds for gum.<sup>4</sup>Less than 500 drums.<sup>5</sup>Reports of the U.S. Department of Commerce. Includes some modified rosin.<sup>6</sup>Total supply less exports and Mar. 31 stocks.<sup>7</sup>The difference between domestic disappearance and reported industrial consumption is due to unreported industrial consumption; failure of some consumers to distinguish in their reports gum, wood, and modified or derived rosins; and the inclusion of modified rosins in exports.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 759.—Turpentine: Supply and distribution, United States, 1966-79

Crop year beginning April	Supply												
	Stocks April 1			Production				Imports for consumption <sup>1,2</sup>				Total supply	
	Gum	Wood	Total	Gum	Wood		Total	Gum	Wood	Total	Gum <sup>2</sup>	Wood	Total
					Steam distilled	Sulfate							
	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>
1966	28,810	114,280	143,090	84,210	154,540	426,750	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>
1967	21,610	118,670	140,280	67,740	140,470	419,790	581,290	665,500	17,800	130,820	685,570	826,390	
1968	16,260	89,140	105,400	50,410	128,600	473,160	580,200	627,940	20,790	110,140	678,870	789,010	
1969	11,010	75,740	86,750	34,990	102,860	479,500	601,760	652,170	22,730	89,400	690,900	780,300	
1970	13,360	68,470	81,830	25,830	94,620	485,350	582,390	617,370	23,060	69,060	658,120	727,170	
1971	12,980	89,120	102,050	23,360	85,390	454,900	549,250	575,800	24,130	63,320	618,440	681,760	
1972	11,530	90,350	101,880	26,550	75,360	464,120	539,590	566,060	22,660	63,960	629,410	693,360	
1973	14,220	94,830	109,050	21,410	68,260	440,170	509,230	530,640	23,740	80,360	629,850	710,210	
1974	10,980	89,770	100,750	15,610	62,960	409,160	471,420	487,030	33,640	69,270	604,090	673,380	
1975	5,380	65,360	70,740	20,690	41,420	385,480	426,900	447,590	58,640	84,710	429,260	576,970	
1976	9,550	104,040	113,590	17,420	59,720	405,100	464,820	482,240	15,700	42,670	569,430	612,100	
1977	7,350	120,440	127,790	14,530	50,880	411,730	462,610	477,140	7,540	400	583,450	612,870	
1978	4,760	86,110	90,870	9,740	47,590	450,410	498,000	507,740	7,100	29,420	584,680	606,710	
1979	3,270	71,330	74,600	6,740	47,720	473,360	521,080	527,820	7,770	80	592,490	610,270	
Crop year beginning April	Distribution												
	Exports <sup>1</sup>			Stocks, March 31			Domestic disappearance <sup>2,4</sup>			Reported industrial consumption			
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	
	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	
1966	22,140	14,310	36,450	21,610	118,670	140,280	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	Barrels <sup>3</sup>	
1967	17,980	14,890	32,870	16,260	89,140	105,400	87,070	562,590	649,660	11,980	545,290	557,270	
1968	7,370	33,410	40,780	11,010	75,740	86,750	75,900	574,900	650,800	4,070	567,280	571,350	
1969	5,510	29,470	34,980	13,360	68,470	81,830	61,760	581,750	652,770	3,830	597,670	601,500	
1970	6,130	33,520	39,650	12,980	89,120	102,050	50,130	560,180	610,360	3,840	598,250	598,590	
1971	3,530	38,040	41,570	11,530	94,350	101,880	43,990	495,800	540,060	3,130	538,100	546,230	
1972	830	88,390	89,220	14,220	94,350	109,060	63,310	446,630	511,940	2,450	466,050	467,500	
1973	3,240	34,020	37,260	10,980	89,770	100,750	55,050	480,270	535,320	1,930	441,440	443,370	
1974	2,090	14,220	16,310	9,380	66,360	70,740	48,610	480,270	539,470	2,080	437,700	439,730	
1975	1,460	2,730	4,190	5,350	104,040	113,590	73,700	385,490	459,190	2,240	421,230	423,470	
1976	2,060	18,200	20,260	7,350	120,440	127,790	33,250	480,790	430,050	1,880	478,760	480,590	
1977	920	16,520	17,440	4,760	86,110	90,870	22,740	478,820	502,560	1,740	471,540	473,280	
1978	600	13,970	14,570	3,270	71,330	74,600	17,160	498,640	515,900	1,530	503,740	505,270	
1979	550	12,940	13,490	3,210	70,090	73,300	14,020	509,460	523,460	1,120	503,190	504,310	

See footnotes on page 546.



Table 760.—Rosin: Supply and distribution, United States, 1966-79

Crop year beginning April	Supply										
	Stocks, April 1				Production				Imports <sup>1,2</sup>		
	Gum		Wood		Gum	Wood			Gum	Wood	Total
						Steam distilled	Tall oil	Total wood			
	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>
1966	861	374	1,235	273	986	699	1,685	1,958	1	1,135	3,193
1967	835	309	1,144	223	965	680	1,645	1,968	1	1,069	3,013
1968	694	266	960	171	960	714	1,675	1,845	1	866	2,806
1969	495	236	731	119	830	793	1,623	1,741	1	614	2,473
1970	327	124	451	88	768	800	1,568	1,656	( <sup>4</sup> )	415	2,107
1971	147	14	261	92	734	805	1,539	1,631	6	245	1,898
1972	51	133	184	89	700	840	1,540	1,629	24	164	1,897
1973	15	112	127	74	658	852	1,509	1,584	106	196	1,817
1974	33	75	108	54	547	705	1,252	1,306	162	250	1,576
1975	97	186	283	72	358	658	1,016	1,088	21	190	1,292
1976	60	173	232	61	509	788	1,296	1,357	25	135	1,480
1977	36	145	181	51	474	776	1,250	1,301	31	114	1,399
1978	21	211	232	35	460	844	1,304	1,339	55	97	1,528
1979	20	195	216	24	433	906	1,339	1,363	93	1,538	1,681

  

Crop year beginning April	Distribution										
	Exports <sup>5</sup>				Stocks, March 31				Domestic disappearance <sup>6,7</sup>		
	Gum		Wood		Gum	Wood	Total	Gum	Wood	Total	Total
	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>	1,000 drums <sup>3</sup>
1966	104	554	658	835	309	1,413	1,96	1,392	176	1,421	1,597
1967	194	510	704	694	266	1,360	1,178	1,348	154	1,340	1,493
1968	193	451	644	495	236	731	1,254	1,431	172	1,430	1,602
1969	115	329	446	327	124	451	1,204	1,277	142	1,399	1,541
1970	123	389	569	147	114	261	1,132	1,277	121	1,341	1,462
1971	66	339	456	51	133	184	1,131	1,258	111	1,318	1,429
1972	71	395	466	15	113	127	1,165	1,244	76	1,306	1,382
1973	26	331	418	33	75	108	1,166	1,291	100	1,172	1,271
1974	18	251	288	97	186	232	890	1,026	111	983	1,106
1975	13	161	174	60	173	232	868	985	104	942	1,046
1976	15	265	280	36	145	181	1,069	1,154	56	1,147	1,203
1977	14	201	215	21	211	232	987	1,066	74	1,000	1,074
1978	18	310	328	20	195	215	1,023	1,082	64	1,104	1,168
1979	18	378	395	19	119	138	1,041	1,097	41	1,024	1,065

See footnotes on page 547.

## CHAPTER XIII

# CONSUMPTION AND FAMILY LIVING

The statistics in this chapter deal with the consumption of food by both rural and urban people, retail price levels, and other aspects of family living of farm people. Data presented here on quantities of food available for consumption are based on material presented in the earlier commodity chapters, but they are shown here at the retail level, a form that is more useful for an analysis of the demand situation faced by the producer. Data on quantities of farm-produced food consumed directly by farm households are presented in the commodity chapters. Its value and the rental value of the farm home are given in the section on farm income, table 655.

**Table 761.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1965–80**

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	<i>Millions</i>	<i>Millions</i>		<i>Millions</i>	<i>Millions</i>
1965 .....	190.5	191.6	1973 .....	207.3	208.1
1966 .....	192.6	193.4	1974 .....	209.0	209.7
1967 .....	194.4	195.3	1975 .....	210.6	211.4
1968 .....	196.4	197.1	1976 .....	212.3	213.0
1969 .....	198.3	199.1	1977 .....	213.9	214.7
1970 .....	200.5	201.7	1978 .....	215.8	216.6
1971 .....	203.1	204.3	1979 .....	217.6	218.5
1972 .....	205.5	206.5	1980 .....	219.6	220.7

Economics, Statistics, and Cooperatives Service—Economics. Estimates based on published and unpublished records of the U.S. Department of Commerce.

Table 762.—Food nutrients: Quantities available for consumption per capita per day, United States, 1965-79<sup>1</sup>

Year	Food energy	Protein	Fat	Carbohydrate	Calcium	Phosphorus	Iron	Magnesium	Vitamin A value	Thiamin	Riboflavin	Niacin	Vitamin B <sub>6</sub>	Vitamin B <sub>12</sub>	Ascorbic acid
	Calories	Grams	Grams	Grams	Grams	Grams	Milli-grams	Milli-grams	International units	Milli-grams	Milli-grams	Milli-grams	Milli-grams	Milli-grams	Milli-grams
1965	3,170	96	146	373	0.96	1.51	16.5	338	7,700	1.81	2.25	22.2	1.81	9.0	98
1966	3,210	97	150	374	.96	1.52	16.5	340	7,900	1.81	2.27	22.5	1.88	9.2	100
1967	3,240	99	152	374	.96	1.53	17.2	341	7,900	1.91	2.31	23.2	1.91	9.4	105
1968	3,300	100	156	380	.95	1.54	17.5	345	8,200	1.92	2.33	23.6	1.94	9.5	107
1969	3,310	100	156	381	.95	1.54	17.6	343	8,200	1.92	2.31	23.6	1.95	9.7	108
1970	3,330	100	159	380	.94	1.53	17.3	340	8,200	1.92	2.32	24.0	1.97	9.7	111
1971	3,350	101	160	381	.94	1.55	17.9	341	8,200	1.96	2.33	24.1	1.99	9.8	112
1972	3,360	101	162	381	.93	1.54	18.0	342	8,200	1.93	2.30	24.1	1.99	9.6	112
1973	3,330	99	158	385	.93	1.52	18.0	344	8,200	1.90	2.26	23.6	1.94	9.3	114
1974	3,310	100	159	376	.92	1.52	18.2	340	8,200	1.97	2.31	24.2	1.97	9.6	114
1975	3,270	100	155	377	.92	1.51	18.4	340	8,100	1.95	2.33	24.5	1.98	9.4	119
1976	3,420	104	163	391	.95	1.57	18.6	353	8,100	2.09	2.46	26.5	2.03	9.6	117
1977	3,420	104	161	394	.94	1.56	18.6	348	8,000	2.11	2.45	26.4	2.04	9.7	118
1978	3,440	104	163	396	.93	1.56	18.5	349	8,000	2.11	2.41	26.7	2.03	9.5	118
1979 <sup>2</sup>	3,500	104	168	400	.95	1.57	18.5	352	8,000	2.17	2.44	26.7	2.05	9.3	120

<sup>1</sup>Quantities of nutrients computed by Science and Education Administration, Human Nutrition, Consumer Nutrition Center, on the basis of estimates of per capita food consumption (retail weight), including estimates of produce of home gardens, prepared by the Economics, Statistics, and Cooperatives Service. No deduction made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Civilian consumption. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; other nutrients added primarily as follows: vitamin A value to margarine, milk of all types, flavored milk extenders; vitamin B<sub>6</sub> to cereals, meal

replacements, infant formulas; vitamin B<sub>12</sub> to cereals; ascorbic acid to fruit juices and drinks, flavored beverages and dessert powders, flavored milk extenders and cereals. Nutrient data reflect for the first time use of poultry values from "Composition of foods-poultry products...raw, processed, prepared," AH-8-5 (1979).

<sup>2</sup>Preliminary.

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Table 763.—Food nutrients: Percentage of total contributed by major food groups, 1967 and 1979<sup>1</sup>

Food group and period	Food energy	Protein	Fat	Carbohydrate	Calcium	Phosphorus	Iron	Magnesium	Vitamin A value	Thiamin	Riboflavin	Niacin	Vitamin B6	Vitamin B12	Ascorbic acid
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
<b>1967</b>															
Meat (including pork fat cuts), poultry, and fish	20.6	40.5	35.9	0.1	3.7	25.9	29.7	12.6	22.8	28.6	22.4	47.1	39.4	68.4	2.1
Eggs	2.3	2.6	5.9	3.4	1.1	2.6	6.0	1.4	6.7	2.6	5.8	2.2	2.6	9.6	0
Dairy products, excluding butter	11.8	22.6	13.3	7.3	76.0	36.7	2.2	22.5	12.3	9.7	42.8	1.7	11.8	21.2	4.8
Fats and oils, including butter	16.8	2.2	40.2	2.3	4.4	2.2	0	4.4	8.3	0	0	0	0	0	0
Citrus fruits	8	4	1.1	1.8	9	7.7	8	2.0	1.3	2.5	5	8	1.4	0	25.8
Other fruits	2.3	6	2	5.0	1.2	1.1	3.7	3.9	6.1	1.9	1.6	1.8	6.6	0	10.6
Potatoes and sweetpotatoes	2.8	2.3	1	5.3	1.0	3.5	4.0	7.1	5.8	5.0	1.6	6.5	10.7	0	16.1
Dark green and deep yellow vegetables	2.5	3.3	( <sup>2</sup> )	5	1.4	6	1.6	2.0	20.0	8	1.0	6	1.9	0	8.5
Other vegetables, including tomatoes	2.5	3.3	4	4.6	4.7	4.8	9.2	10.3	15.1	6.7	4.5	5.9	10.6	0	30.7
Dry beans and peas, nuts, soy flour, and grits	3.0	5.0	3.6	2.2	2.6	5.7	6.5	11.0	5.4	5.4	1.8	6.5	4.9	0	( <sup>2</sup> )
Flour and cereal products	20.1	18.4	1.4	36.5	3.4	12.6	28.2	18.2	0	36.7	17.3	23.6	9.8	9	0
Sugar and other sweeteners	16.1	( <sup>2</sup> )	0	35.9	1.0	2	5.3	2	0	( <sup>2</sup> )	1.1	( <sup>2</sup> )	1.1	0	( <sup>2</sup> )
Miscellaneous <sup>3</sup>	8	4	1.3	7	1.0	1.9	2.8	8.4	1.2	1	8	5.3	1	0	1.5
Total <sup>4</sup>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>1979<sup>5</sup></b>															
Meat (including pork fat cuts), poultry, and fish	20.6	42.0	35.2	0.1	3.9	27.4	29.0	13.5	22.5	27.1	22.2	45.0	40.0	61.2	2.0
Eggs	1.8	4.9	2.7	1.1	2.3	5.2	4.9	1.2	5.8	2.0	4.9	1.1	2.1	8.5	0
Dairy products, excluding butter	10.7	21.7	11.8	6.3	73.8	34.7	2.5	21.2	13.2	8.1	39.1	1.4	11.6	20.7	3.7
Fats and oils, including butter	18.2	2	42.7	2.3	4.4	2	0	4	8.2	0	0	0	( <sup>2</sup> )	0	0
Citrus fruits	9	5	1	1.9	1	1.8	8	2.2	1.6	2.6	5	8	1.3	0	26.3
Other fruits	2.2	6	3	4.7	1.2	1.2	3.5	4.2	6.4	1.8	1.7	1.7	6.9	0	12.7
Potatoes and sweetpotatoes	2.8	2.3	1	5.4	1.0	3.7	4.5	7.2	5.3	4.9	1.4	6.2	10.0	0	14.8
Dark green and deep yellow vegetables	2	4	( <sup>2</sup> )	4	1.4	6	1.5	1.9	18.8	7	1.0	5	1.8	0	8.7
Other vegetables, including tomatoes	2.4	3.3	4	4.6	5.0	5.0	8.9	10.5	15.3	6.1	4.5	5.3	10.4	0	28.3
Dry beans and peas, nuts, soy flour, and grits	3.4	6.0	4.4	2.2	3.1	6.8	6.7	13.2	( <sup>2</sup> )	5.4	2.0	8.2	5.4	0	( <sup>2</sup> )
Flour and cereal products	19.0	17.8	1.3	35.0	3.4	12.5	28.6	18.0	0	41.2	22.1	27.4	10.2	1.6	0
Sugar and other sweeteners	17.1	( <sup>2</sup> )	0	38.6	2.7	6	7.1	2	0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0	( <sup>2</sup> )
Miscellaneous <sup>3</sup>	5	3	1.1	5	8	1.5	2.0	6.3	2.3	1	6	3.3	1	0	3.4
Total <sup>4</sup>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> Percentages for food groups are based on nutrient data included in totals in table 764.<sup>2</sup> Less than 0.05 percent.<sup>3</sup> Coffee and chocolate liquor equivalent of cocoa beans and fortification of products not assigned to a specific food group.<sup>4</sup> Components may not add to total due to rounding.<sup>5</sup> Preliminary.

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Table 764.—Food consumption: Index of per capita consumption, by major food groups, United States, 1965-79<sup>1</sup>

Year	Meat, poultry, fish				Eggs	Dairy products, including butter	Fats and oils			
	Meat <sup>2</sup>	Poultry	Fish	Total			Excluding butter	Including butter		
								Animal	Vegetable	Total
1965 .....	93.9	90.6	101.7	93.9	97.8	103.2	95.4	109.2	92.0	99.3
1966 .....	96.1	96.0	102.6	96.4	97.5	101.9	100.0	98.1	102.0	100.4
1967 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 .....	102.4	98.6	103.5	102.0	98.5	101.1	103.8	103.6	103.4	103.4
1969 .....	101.9	103.3	104.9	102.3	96.6	100.2	106.0	93.5	112.8	104.6
1970 .....	104.0	107.0	110.6	104.7	97.0	98.9	108.3	88.0	118.9	105.9
1971 .....	107.0	107.8	107.8	107.1	98.0	99.3	106.6	89.4	114.8	104.1
1972 .....	105.2	112.8	117.4	106.8	96.1	100.0	111.8	81.5	126.8	107.7
1973 .....	97.7	108.7	121.0	100.4	91.6	99.7	112.4	73.6	132.8	107.9
1974 .....	104.6	110.6	114.6	105.8	89.9	98.4	110.0	73.0	128.1	104.9
1975 .....	101.2	108.1	114.6	102.8	87.0	99.3	109.9	65.8	134.4	105.5
1976 .....	107.9	116.0	121.7	109.6	85.5	100.6	116.4	64.1	143.1	109.8
1977 .....	107.0	119.4	120.3	109.3	84.8	100.4	112.4	65.4	136.5	106.5
1978 .....	103.0	118.8	127.1	106.3	86.7	100.5	115.5	63.8	141.0	108.4
1979 <sup>3</sup> .....	100.1	129.4	124.3	105.0	88.2	100.8	120.3	68.6	146.6	113.7

Year	Fruits			Melons <sup>4</sup>	Vegetables				Total <sup>4</sup>
	Fresh	Processed	Total		Fresh <sup>4</sup>	Processed			
						Canned	Frozen	Total	
1965 .....	101.6	93.1	97.9	101.9	100.2	94.6	89.4	93.5	97.7
1966 .....	102.3	93.6	98.5	95.9	98.7	96.0	97.6	96.3	97.8
1967 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 .....	99.1	97.8	98.5	103.2	102.0	102.6	106.2	103.4	102.5
1969 .....	99.9	102.2	100.9	104.1	99.7	105.1	100.7	104.2	101.3
1970 .....	100.8	103.3	101.9	105.2	100.6	104.0	100.5	103.2	101.6
1971 .....	100.0	105.8	102.5	101.8	98.6	104.0	107.0	104.6	100.7
1972 .....	93.8	105.7	99.0	101.1	99.8	106.0	109.6	106.7	102.3
1973 .....	93.9	107.4	99.8	98.3	100.6	110.0	117.9	111.7	104.6
1974 .....	97.1	101.8	99.2	87.4	101.3	109.2	112.1	109.8	104.4
1975 .....	104.6	111.8	107.8	87.5	100.7	108.6	106.3	108.2	103.4
1976 .....	106.7	111.1	108.7	91.2	101.4	110.9	113.1	111.3	105.0
1977 .....	104.5	110.6	107.2	95.8	100.8	110.2	114.7	111.1	104.6
1978 .....	103.4	106.8	104.9	103.7	102.3	107.9	120.4	110.5	105.3
1979 <sup>3</sup> .....	105.9	110.1	107.8	100.9	103.1	109.4	126.8	113.0	106.7

Year	Potatoes and sweet-potatoes <sup>4</sup>	Beans, peas, nuts, soya, products <sup>4</sup>	Flour and cereal products <sup>5</sup>	Sugars and other sweeteners <sup>6</sup>	Coffee, tea, cocoa	All foods		
						Animal products	Crop products <sup>7</sup>	Total
1965 .....	99.0	99.9	100.9	97.8	99.3	97.0	98.4	97.7
1966 .....	105.9	96.5	99.9	98.5	99.5	98.0	99.3	98.6
1967 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 .....	105.7	102.0	100.2	101.3	100.5	101.5	101.3	101.4
1969 .....	107.0	100.4	100.6	103.6	96.1	100.9	102.2	101.5
1970 .....	107.6	98.1	97.7	106.3	93.4	102.0	102.5	102.2
1971 .....	107.4	98.9	98.3	108.1	93.2	103.7	102.6	103.2
1972 .....	108.1	104.6	97.3	109.2	99.3	103.3	103.8	103.5
1973 .....	106.7	105.3	97.2	110.4	97.7	98.6	104.8	101.6
1974 .....	103.4	102.9	95.4	107.5	94.3	101.6	102.5	102.0
1975 .....	108.5	106.5	96.0	104.3	89.1	99.3	103.5	101.3
1976 .....	107.9	104.1	99.0	110.9	93.8	103.8	106.6	105.2
1977 .....	113.2	101.8	96.6	113.8	77.5	103.5	105.1	104.3
1978 .....	115.3	106.8	98.2	113.4	79.1	101.8	105.9	103.8
1979 <sup>3</sup> .....	115.5	111.5	104.5	116.9	84.4	101.3	109.4	105.2

<sup>1</sup> Civilian consumption only. Quantities of individual foods, measured in pounds equivalent to the form sold at retail food stores are combined into indexes using average retail prices in 1967-69. <sup>2</sup> Includes edible offal. <sup>3</sup> Preliminary.

<sup>4</sup> Data for melons, fresh vegetables, potatoes, sweetpotatoes, and dry beans and peas include consumption from home garden produce. <sup>5</sup> Corn sugar and sirups are included with sugars and other sweeteners. <sup>6</sup> Excludes

sugar used in production of canned and frozen fruit, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk. <sup>7</sup> Excludes spices and herbs.

Table 765.—All foods: Per capita consumption, retail-weight equivalent, by major food groups, United States, 1965-79<sup>1</sup>

Year	Meat, poultry, fish				Eggs	Dairy products, including butter	Fats and oils			
	Meat <sup>2</sup>	Poultry	Fish <sup>3</sup>	Total			Excluding butter	Including butter		
								Animal	Vegetable	Total
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965 .....	148.4	41.3	14.2	203.9	39.8	373	44.5	18.3	32.6	50.9
1966 .....	151.6	43.8	14.4	209.8	39.7	371	47.2	16.8	36.1	52.9
1967 .....	158.5	45.5	14.2	218.2	40.7	362	47.0	17.1	35.4	52.5
1968 .....	162.3	45.0	14.8	222.1	40.1	364	48.7	17.8	36.6	54.4
1969 .....	161.5	47.1	15.1	223.7	39.3	360	49.7	15.9	39.2	55.1
1970 .....	164.8	48.9	15.8	229.5	39.5	356	50.8	15.1	41.0	56.1
1971 .....	170.4	49.2	15.6	235.2	39.9	356	50.2	15.3	40.0	55.3
1972 .....	166.7	51.4	16.6	234.7	39.1	358	52.6	13.9	43.6	57.5
1973 .....	154.9	49.6	17.1	221.6	37.3	354	52.7	12.4	45.1	57.5
1974 .....	165.7	50.4	16.4	232.5	36.6	347	51.8	12.6	43.8	56.4
1975 .....	158.4	49.3	16.6	224.3	35.4	350	51.8	11.1	45.5	56.6
1976 .....	168.6	52.9	17.4	238.9	34.8	353	55.0	11.0	48.4	59.4
1977 .....	167.8	54.5	17.2	239.5	34.5	351	53.1	11.4	46.1	57.5
1978 .....	162.2	54.2	17.9	234.3	35.3	348	54.4	10.6	48.0	58.6
1979 <sup>4</sup> .....	159.5	59.0	17.6	236.1	35.9	345	56.6	11.3	49.9	61.2

Year	Fruits			Melons <sup>5</sup>	Vegetables				Total <sup>5</sup>
	Fresh	Processed	Total		Fresh <sup>5</sup>	Processed			
						Canned	Frozen	Total	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965 .....	79.5	48.0	127.5	25.4	140.8	46.9	8.1	55.0	195.8
1966 .....	80.0	49.4	129.4	24.0	138.4	47.3	8.8	56.1	194.5
1967 .....	79.8	52.1	131.9	24.3	140.8	49.0	9.1	58.1	198.9
1968 .....	76.9	51.3	128.2	24.9	143.6	50.5	9.7	60.2	203.8
1969 .....	77.6	55.6	133.2	24.6	140.5	51.6	9.1	60.7	201.2
1970 .....	79.4	54.9	134.3	25.2	141.1	51.1	9.7	60.8	201.9
1971 .....	78.6	56.0	134.6	24.5	138.5	51.2	9.7	60.9	199.4
1972 .....	75.3	55.3	130.6	23.9	139.6	52.2	10.0	62.2	201.8
1973 .....	74.5	56.7	131.2	23.8	140.6	54.3	10.6	65.0	205.6
1974 .....	76.6	52.9	129.5	21.1	142.2	53.3	10.2	63.5	205.7
1975 .....	81.3	57.4	138.7	21.3	141.1	52.4	9.7	62.1	203.2
1976 .....	83.7	56.9	140.6	22.6	141.9	53.6	10.3	63.9	205.8
1977 .....	80.3	56.4	136.7	23.3	140.0	53.8	10.4	64.2	204.2
1978 .....	80.3	57.0	137.3	24.3	142.3	52.8	10.9	63.7	206.0
1979 <sup>4</sup> .....	81.3	58.0	139.3	23.5	144.3	53.5	11.5	65.0	209.3

Year	Potatoes and sweet-potatoes <sup>3,6</sup>	Beans, peas, nuts, soya, products <sup>3,7</sup>	Flour and cereal products <sup>8</sup>	Sugars and other sweeteners <sup>9</sup>	Coffee, tea, cocoa	All foods		
						Animal products	Crop products <sup>10</sup>	Total
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965 .....	86.5	16.4	144	111.9	15.1	629	774	1,403
1966 .....	92.3	15.8	143	112.5	15.1	632	782	1,413
1967 .....	82.4	16.5	144	114.3	15.2	632	782	1,414
1968 .....	87.5	16.4	144	116.0	15.3	638	792	1,430
1969 .....	85.0	16.6	145	118.5	14.5	634	796	1,430
1970 .....	83.3	15.7	141	121.6	14.2	635	796	1,431
1971 .....	82.2	15.8	142	123.8	13.9	641	794	1,436
1972 .....	82.9	16.7	140	125.2	14.8	641	797	1,438
1973 .....	78.9	17.9	140	126.8	14.3	620	802	1,422
1974 .....	75.8	17.8	138	123.9	13.5	624	787	1,411
1975 .....	82.7	17.8	139	121.0	12.8	616	780	1,415
1976 .....	79.3	17.4	142	128.5	13.4	633	816	1,449
1977 .....	83.0	17.0	140	132.2	10.5	632	811	1,443
1978 .....	81.1	17.6	142	132.2	11.3	624	818	1,442
1979 <sup>4</sup> .....	81.8	18.4	150	137.0	11.9	624	839	1,463

See footnotes on page 556.

Table 766.—Food plans: Food cost at home, at four cost levels, for families and individuals in the United States and for families by region, for one week, January 1980<sup>1</sup>

Region and sex-age groups	Thrifty plan	Low-cost plan	Moderate cost plan	Liberal plan
FAMILIES	Dollars	Dollars	Dollars	Dollars
United States:				
Family of 2: <sup>2</sup>				
20-54 years .....	29.30	38.20	48.00	57.40
55 years and over .....	26.20	34.00	42.10	50.30
Family of 4:				
Children, 1-2 and 3-5 years .....	41.20	53.20	66.50	79.60
Children, 6-8 and 9-11 years .....	49.60	64.10	80.50	96.40
INDIVIDUALS <sup>3</sup>				
United States:				
Child:				
7 months to 1 year .....	5.90	7.10	8.70	10.30
1-2 years .....	6.60	8.40	10.40	12.40
3-5 years .....	8.00	10.10	12.50	15.00
6-6 years .....	10.20	13.10	16.40	19.60
9-11 years .....	12.80	16.30	20.50	24.60
Male:				
12-14 years .....	13.70	17.40	21.80	26.10
15-19 years .....	15.10	19.30	24.20	29.00
20-54 years .....	14.60	19.10	24.20	29.10
55 years and over .....	13.00	16.90	21.00	25.20
Female:				
12-19 years .....	12.20	15.60	19.30	23.00
20-54 years .....	12.00	15.60	19.40	23.10
55 years and over .....	10.80	14.00	17.30	20.50
Pregnant .....	15.10	19.20	23.70	28.10
Nursing .....	16.00	20.40	25.40	30.10
FAMILIES				
Northeast:				
Family of 2: <sup>2</sup>				
20-54 years .....		40.50	52.10	63.00
55 years and over .....		35.70	45.50	54.90
Family of 4:				
Children, 1-2 and 3-5 years .....		56.20	72.00	87.00
Children, 6-8 and 9-11 years .....		67.80	87.20	105.40
North Central:				
Family of 2: <sup>2</sup>				
20-54 years .....		39.00	48.20	58.30
55 years and over .....		34.90	42.30	51.10
Family of 4:				
Children, 1-2 and 3-5 years .....		54.60	67.10	81.00
Children, 6-8 and 9-11 years .....		65.90	81.40	98.50
South:				
Family of 2: <sup>2</sup>				
20-54 years .....		37.40	46.80	55.80
55 years and over .....		33.20	40.80	48.60
Family of 4:				
Children, 1-2 and 3-5 years .....		52.20	64.80	77.30
Children, 6-8 and 9-11 years .....		63.00	78.60	93.70
West:				
Family of 2: <sup>2</sup>				
20-54 years .....		39.30	49.40	59.60
55 years and over .....		35.00	43.30	52.10
Family of 4:				
Children, 1-2 and 3-5 years .....		54.90	68.50	83.00
Children, 6-8 and 9-11 years .....		66.30	83.20	100.80

<sup>1</sup> Estimated from quantities in the thrifty food plan shown in *Agricultural Statistics, 1976*, table 763 and in the other three food plans shown in *Agricultural Statistics, 1975*, table 764. The costs of the food plans were first estimated by using the average price per pound of each food group paid by urban survey families at four selected food cost levels in 1965-66. These prices were adjusted to current levels by using food price information released periodically by the Bureau of Labor Statistics.

<sup>2</sup> Ten percent added for family size adjustment. (See footnote 3.)

<sup>3</sup> The costs given are for individuals in 4-person families. For individuals in other size families, the following adjustments are suggested: 1-person-add 20 percent; 2-person-add 10 percent; 3-person-add 5 percent; 5-or 6-person-subtract 5 percent; 7-or-more-person-subtract 10 percent.

Science and Education Administration.

**Table 767.—Food and Nutrition Service programs: Quantity and cost of Federal assistance to School Lunch, Breakfast, and Special Milk Programs, and to institutions and needy persons, fiscal years 1965-79**

Year ending June 30 <sup>1</sup>	School feeding					Special milk		Institutions and needy persons (food distributed) <sup>5</sup>	
	Cash payments			Food distributed <sup>5</sup>		Quantity	Cash pay- ments <sup>6</sup>		
	Lunch <sup>2</sup>	Break- fast <sup>3</sup>	Nonfood assist- ance <sup>4</sup>	Quantity	Cost				
								Quantity	Cost
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 ½ pints</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1965	130,435	.....	.....	972,656	272,408	2,966,766	97,417	1,312,816	256,701
1966	141,090	.....	.....	788,037	174,856	3,059,125	96,523	1,000,074	151,029
1967	149,685	.....	.....	833,380	138,358	3,027,203	99,170	848,572	116,209
1968	159,754	566	710	1,026,555	275,977	3,035,687	101,752	871,326	147,263
1969	203,796	1,985	741	1,041,995	272,089	2,944,423	101,281	1,200,266	250,353
1970	300,258	5,402	10,396	1,073,205	265,839	2,901,931	101,164	1,330,381	311,876
1971	532,191	10,786	16,705	1,108,657	279,184	2,569,975	91,082	1,465,652	345,704
1972	738,764	19,383	36,404	1,186,657	314,763	2,498,215	90,286	1,363,031	337,537
1973	879,928	24,934	16,646	980,080	7 381,013	2,533,810	90,534	1,109,563	282,085
1974	1,082,731	34,411	15,284	960,862	319,218	1,425,923	49,158	708,103	229,288
1975	1,288,182	58,897	27,191	763,956	8 423,451	2,152,775	123,726	201,275	75,996
1976	1,493,608	86,090	25,430	853,252	9 429,590	2,305,143	144,080	131,121	10 53,518
( <sup>11</sup> )	(192,642)	(16,963)	(6,429)	(143,610)	12 53,435	(313,429)	(20,592)	(30,628)	13 (12,189)
1977 <sup>1 14</sup>	1,673,962	147,799	26,602	1,101,384	15 556,840	2,247,415	153,545	150,338	10 16 62,036
1978 <sup>1 14</sup>	1,825,035	177,717	25,953	1,105,134	17 623,965	1,985,545	141,903	156,076	10 16 93,275
1979 <sup>1 14</sup>	2,009,711	224,100	24,026	(19)	20 703,109	1,856,715	141,135	(19)	10 21 38,684

<sup>1</sup> Data for fiscal years July 1-June 30 for 1964-76; Oct. 1-Sept 30 beginning 1977.

<sup>2</sup> A subsidy program for local purchase of food on basis of the quality and quantity of meals served. The program was started in February 1943.

<sup>3</sup> A subsidy program to schools started in January 1967.

<sup>4</sup> A subsidy program which aids in the purchase of school lunch equipment. The program started in fiscal year 1967.

<sup>5</sup> Distribution, without charge to recipients, of food commodities acquired by the Government. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible recipients include school lunch programs, eleemosynary institutions, and households receiving public assistance from State or Local agencies or other needy persons.

<sup>6</sup> A subsidy program to expand consumption of milk by children.

<sup>7</sup> Includes \$70,809,000 cash in lieu of commodities.

<sup>8</sup> Includes \$5,175,000 cash in lieu of commodities.

<sup>9</sup> Includes \$49,562,000 cash in lieu of commodities.

<sup>10</sup> Includes Nutrition Program for the Elderly.

<sup>11</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>12</sup> Includes \$2,533,000 cash in lieu of commodities.

<sup>13</sup> Includes \$48,688 cash in lieu of commodities to the Nutrition Program for the Elderly (NPE).

<sup>14</sup> Preliminary.

<sup>15</sup> Includes \$53,802,000 cash in lieu of commodities.

<sup>16</sup> Includes \$405,823 cash in lieu of commodities to NPE.

<sup>17</sup> Includes \$95,541,743 cash in lieu of commodities.

<sup>18</sup> Includes \$22,008,000 cash in lieu of commodities to NPE.

<sup>19</sup> Not available.

<sup>20</sup> Includes \$22,830,000 cash in lieu of commodities.

<sup>21</sup> Includes \$34,459,091 cash in lieu of commodities to NPE.

Food and Nutrition Service.

## FOOTNOTES FOR TABLE 765

<sup>1</sup>Civilian consumption only. Quantity data used in computing the per capita food consumption index, table 764. Final consumer products that are derived from a combination of primary food groups, such as bakery products, are measured and reported in their primary ingredients, such as flour, shortening, and eggs.

<sup>2</sup> Includes game and edible offal.

<sup>3</sup> Includes 4.3 pounds per capita of game fish in 1975-79 and smaller amounts in previous years.

<sup>4</sup> Preliminary.

<sup>5</sup> Data for melons, fresh vegetables, potatoes, sweetpotatoes, and dry beans and peas include consumption of home garden produce.

<sup>6</sup>Data have been revised to reflect conversion from fresh weight equivalent to processed weight for dehydrated potatoes, potato chips, and shoe strings.

<sup>7</sup> Soya products approximated at 1.3 pounds in 1972, 2.1 pounds 1973-74, and 2.0 pounds for 1975-79.

<sup>8</sup> Corn sugar and sirups are with sugars and other sweeteners.

<sup>9</sup> Excludes sugar used in production of canned and frozen fruit, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk.

<sup>10</sup> Includes fruits and vegetables in soups and baby foods.



**Table 768.—Food and Nutrition Service programs: Quantity and cost for commodity distribution programs, by food groups, fiscal year 1979<sup>1</sup>**

Program and food	School Feeding Programs		Institutions and needy persons		Total	
	Quantity	Cost <sup>2</sup>	Quantity	Cost <sup>3</sup>	Quantity	Cost
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
Dried and dehydrated vegetables .....	29,775	7,820	3,363	890	33,138	8,710
Beef products .....	88,410	111,246	8,118	11,315	96,528	122,561
Dairy products .....	163,581	186,998	48,804	41,203	212,385	228,201
Meat, chopped (canned) .....			43	24	43	24
Fats and oils .....	66,124	28,864	11,006	4,813	77,120	33,677
Canned and processed fruits and juices ....	298,316	82,596	27,876	7,522	326,192	90,118
Canned vegetables and juices .....	198,523	52,427	8,928	2,117	207,451	54,544
Poultry products .....	139,572	107,223	7,606	7,388	147,178	114,611
Pork products .....	( <sup>4</sup> )	( <sup>4</sup> )			( <sup>4</sup> )	( <sup>4</sup> )
Corn products .....	14,266	1,497	4,787	646	19,053	2,143
Oats, rolled .....	7,610	1,165	3,120	478	10,730	1,643
Rice products .....	19,182	3,549	11,296	2,090	30,478	5,639
Wheat products .....	114,155	12,455	83,216	8,759	197,371	21,194
Miscellaneous .....	68,736	37,041	8,402	4,636	77,138	41,677
<b>Total .....</b>	<b>1,208,250</b>	<b><sup>2</sup> 632,862</b>	<b>226,565</b>	<b><sup>3</sup> 291,881</b>	<b>1,434,815</b>	<b>724,742</b>

<sup>1</sup> Preliminary.<sup>2</sup> Excludes \$22,830,000 cash in lieu of commodities.<sup>3</sup> Excludes \$34,459,000 cash in lieu of commodities.

Food and Nutrition Service.

**Table 769.—Food Stamp Program: Participation and value of coupons issued, 1965-79**

Year ending June 30 <sup>1</sup>	Number of participating areas	Average monthly participation	Value of coupons issued		
			Total	Paid for by participants	Federal subsidy
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	110	424,652	85,472	52,967	32,505
1966 .....	324	864,344	174,232	109,419	64,813
1967 .....	838	1,447,097	296,106	190,556	105,550
1968 .....	1,027	2,209,964	451,801	278,659	173,142
1969 .....	1,489	2,878,113	603,351	374,532	228,819
1970 .....	1,747	4,340,030	1,089,961	540,297	549,664
1971 .....	2,027	9,367,908	2,713,273	1,190,524	1,522,749
1972 .....	2,126	11,109,074	3,308,648	1,511,362	1,797,286
1973 .....	2,228	12,165,682	3,883,952	1,752,547	2,131,405
1974 .....	2,818	12,861,526	4,727,451	2,009,155	2,718,296
1975 .....	( <sup>4</sup> )	17,064,196	7,265,642	2,880,141	4,385,501
1976 .....	( <sup>4</sup> )	18,548,715	8,700,209	3,373,704	5,326,505
( <sup>2</sup> ) .....	( <sup>4</sup> )	(17,257,140)	(2,087,116)	(819,067)	(1,268,049)
1977 <sup>1,3</sup> .....	( <sup>4</sup> )	17,057,598	8,339,805	3,282,081	5,057,724
1978 <sup>1,3</sup> .....	( <sup>4</sup> )	16,043,861	8,310,918	3,145,710	5,165,209
1979 <sup>1,3,5</sup> .....	( <sup>4</sup> )	17,669,985	7,223,376	<sup>5</sup> 745,310	6,478,066

<sup>1</sup> Data for fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 beginning 1977.<sup>2</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.<sup>3</sup> Preliminary.<sup>4</sup> Nationwide with exception of some Indian Reservations.<sup>5</sup> Recipient payments phased out, effective Jan. 1 1979; equivalent benefit levels maintained, without requiring cash outlay by recipient.

Food and Nutrition Service.

Table 770.—Food and Nutrition Service programs: Cash payments under Special Milk, National School Lunch, Breakfast, Nonfood Assistance, and Food Stamp Programs and value of food distributed, by States and Territories, fiscal year 1979

State or Territory	Child feeding programs (Cash payments only)						Commodity distribution <sup>3</sup>	Food Stamp Program <sup>4</sup>	Total <sup>5</sup>
	Child Care Food	Summer Feeding	Special Milk	National School Lunch <sup>1</sup>	Breakfast <sup>1</sup>	Nonfood Assistance <sup>1</sup>			
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala .....	5,350	4,588	2,559	48,992	6,463	368	173,940	242,260	
Alaska .....	436	33	157	2,319	133	48	13,022	16,148	
Ariz .....	1,533	554	695	19,738	2,633	224	53,558	78,935	
Ark .....	2,135	228	1,143	26,768	2,905	202	89,515	122,896	
Calif .....	10,454	8,687	10,800	179,731	29,830	3,007	432,566	675,075	
Colo .....	2,085	599	1,385	17,902	1,143	187	52,074	75,375	
Conn .....	1,348	1,096	3,005	20,004	500	363	46,737	73,053	
Del .....	759	388	354	4,467	626	47	14,829	21,470	
D.C. ....	787	540	128	7,596	1,374	40	33,396	43,861	
Fla .....	7,765	4,187	1,940	85,912	10,345	619	307,227	417,995	
Ga .....	5,910	3,030	3,261	70,708	8,410	599	182,611	274,529	
Hawaii ..	756	489	169	9,016	1,183	95	42,122	53,830	
Idaho .....	230	90	150	5,867	111	78	17,486	24,012	
Ill .....	4,647	1,686	9,077	79,934	7,111	657	319,573	422,685	
Ind .....	2,926	1,795	3,937	32,293	1,892	453	87,393	130,689	
Iowa .....	1,394	136	2,255	21,126	773	299	36,559	62,542	
Kans .....	1,408	131	1,360	16,707	566	221	23,217	43,610	
Ky .....	2,091	752	3,453	41,685	7,858	352	146,860	202,551	
La .....	2,927	2,201	585	59,107	7,585	541	176,126	249,072	
Maine .....	581	245	1,165	11,814	736	123	45,220	59,884	
Md .....	1,709	1,437	2,662	30,978	2,510	295	107,666	147,257	
Mass .....	3,879	2,352	5,360	45,453	4,500	602	163,301	225,447	
Mich .....	4,641	3,509	7,728	56,213	2,710	178	171,107	246,086	
Minn .....	2,266	792	3,476	4,439	1,099	390	44,197	56,659	
Miss .....	7,558	3,792	1,368	43,935	5,055	284	150,303	212,295	
Mo .....	3,297	1,057	2,923	39,008	3,116	405	89,289	139,095	
Mont .....	685	120	434	5,411	546	93	11,805	19,094	
Nebr .....	712	166	906	10,613	337	149	15,955	23,838	
Nev .....	336	126	80	4,141	712	47	9,687	15,129	
N.H. ....	553	180	1,241	5,878	312	73	15,833	24,070	
N.J. ....	7,403	7,909	5,182	52,781	4,669	1,058	179,890	258,892	
N. Mex ..	1,597	434	851	17,877	1,950	113	55,093	77,915	
N.Y. ....	22,632	27,760	13,546	153,914	18,000	2,249	520,554	758,655	
N.C. ....	4,673	3,096	4,697	80,163	14,693	618	171,592	279,532	
N. Dak ..	375	96	422	4,724	195	61	6,283	12,156	
Ohio .....	5,121	1,860	7,900	71,981	7,979	766	277,847	373,454	
Okla .....	2,836	775	1,144	25,411	2,578	237	49,848	82,379	
Oreg .....	1,890	329	1,220	15,310	712	198	60,022	79,681	
Pa .....	7,367	5,210	4,988	83,958	4,815	1,109	293,634	401,081	
R.I. ....	926	438	973	6,908	504	67	23,858	33,674	
S.C. ....	3,478	3,959	720	44,977	5,065	303	121,032	179,534	
S. Dak ..	549	276	507	6,486	774	70	10,981	19,643	
Tenn .....	4,045	1,398	3,105	40,832	4,272	381	189,486	243,519	
Tex .....	9,320	3,762	4,538	140,280	28,204	1,154	362,035	549,293	
Utah .....	348	125	314	11,630	524	136	13,183	26,260	
Vt .....	270	87	714	4,189	118	37	12,492	17,907	
Va .....	2,253	1,104	2,541	44,990	3,459	436	96,134	150,909	
Wash .....	4,448	543	1,941	23,445	1,887	355	71,457	104,076	
W. Va ..	984	925	907	21,722	3,561	165	64,746	93,010	
Wis .....	1,829	444	5,501	26,825	705	622	47,201	83,127	
Wyo .....	415	9	93	2,358	63	44	3,535	6,517	
U.S. ....	163,467	105,525	135,560	1,888,516	217,793	21,218	5,703,577	8,235,656	
Guam .....				1,478	388	12	9,749	11,627	
P.R. ....		3,257	284	59,174	9,383	334	747,895	820,327	
Samoa, American				1,026	453			1,478	
Trust Territories <sup>4</sup>	266			2,646	339	13		3,264	
V.I. ....	218	62	7	2,352	32	17	16,315	19,003	
Other <sup>5</sup> .....									
Total .....	163,951	108,844	135,851	1,955,192	228,388	21,594	5,784,503	6,477,536	9,091,355

<sup>1</sup> Preliminary.

<sup>2</sup> Total cost to the Government, and includes commodity cost plus reprocessing, packaging, transportation costs, and miscellaneous handling charges for all FNS programs which utilize or distribute commodities.

<sup>3</sup> State totals do not include cost of commodities received. Data currently not available.

<sup>4</sup> Does not include the Commonwealth of the Northern Marianas.

<sup>5</sup> Includes Okinawa, Japan, and Europe.

<sup>6</sup> Excludes \$57,289,091 cash in lieu of commodities.

Table 771.—Food and Nutrition Service programs: Persons participating, fiscal years 1965-79<sup>1</sup>

Year ending June 30 <sup>2</sup>	Children in school lunch program receiving benefits through—		
	Cash payment <sup>3</sup>		Food distribution <sup>4</sup> (peak month)
	Average monthly	Peak month	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965	14,079	18,666	20,390
1966	14,981	19,781	21,394
1967	15,296	20,237	21,882
1968	15,572	20,814	21,104
1969	16,667	22,079	24,056
1970	17,539	23,127	25,479
1971	19,062	24,640	24,906
1972	19,380	24,941	25,142
1973	19,534	25,075	25,151
1974	24,493	24,988	25,143
1975	25,004	25,257	25,422
1976	25,594	26,055	26,174
( <sup>5</sup> )	(25,104)	(25,104)	(25,166)
1977 <sup>2</sup>	26,284	27,020	27,072
1978 <sup>6</sup>	26,702	27,099	27,159
1979 <sup>6</sup>	26,984	27,319	27,366

<sup>1</sup>“Peak month” is the month of the year when the largest number of persons participated in the program; “Average monthly” is the average for the 9 months of the school year contained in that fiscal year.

<sup>2</sup>Data for fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 beginning 1977.

<sup>3</sup>See footnote 2, table 767.

<sup>4</sup>See footnote 5, table 767.

<sup>5</sup>Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>6</sup>Preliminary.

Food and Nutrition Service.

Table 772.—Consumers' prices: Index number of prices paid for goods and service, United States, 1965-79<sup>1</sup>  
[1967 = 100]

Year	Food	Nonfood items							All items
		Apparel and up-keep	Housing		Transportation	Medical care	Personal care	Other goods and services	
			Total	Rent					
1965	94.4	93.7	94.9	96.9	95.9	89.5	95.2	.....	94.5
1966	99.1	96.1	97.2	98.2	97.2	93.4	97.1	.....	97.2
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	103.6	105.4	104.0	102.4	103.2	106.1	104.2	105.2	104.2
1969	108.9	111.5	110.4	105.7	107.2	113.4	109.3	110.4	109.8
1970	114.9	116.1	118.2	110.1	112.7	120.6	113.2	116.8	116.3
1971	118.4	119.8	123.4	115.2	118.6	128.4	116.8	122.4	121.3
1972	123.5	122.3	128.1	119.2	119.9	132.5	119.8	127.5	125.3
1973	141.4	126.8	133.7	124.3	123.8	137.7	125.2	132.5	133.1
1974	161.7	136.2	148.8	130.6	137.7	150.5	137.3	142.0	147.7
1975	175.4	142.3	164.5	137.3	150.6	168.6	150.7	153.9	161.2
1976	180.8	147.6	174.6	144.7	165.5	184.7	160.5	162.7	170.5
1977	192.2	154.2	186.5	153.5	177.2	202.4	170.9	172.2	181.5
1978	211.4	159.6	202.8	164.0	185.5	219.4	182.0	183.3	195.4
1979	234.5	166.6	227.6	176.0	212.0	239.7	195.8	196.7	217.4

<sup>1</sup>Reflects retail prices of goods and services usually bought by average families in urban areas of the United States. This index is the official index released monthly by the U.S. Department of Labor. Beginning 1978 data are for all urban consumers; earlier data are for urban wage earners and clerical workers.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from data of the U.S. Department of Labor.



## CHAPTER XIV

# MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter contains miscellaneous data which do not fit into the preceding chapters. Included here are summary tables on foreign trade in agricultural products; statistics on fishery products; tables on refrigerated warehouses; commodity futures statistics; and statistics on crops in Alaska.

### Foreign Agricultural Trade Statistics

U.S. foreign agricultural trade statistics are based on documents filed by exporters and compiled by the Bureau of the Census. Agricultural commodities consist of (1) nonmarine food products and (2) other products of agriculture which have not passed through complex processes of manufacture such as raw hides and skins, fats and oils, and wine. Such manufactured products as textiles, leather, boots and shoes, cigarettes, naval stores, forestry products, and distilled alcoholic beverages are not considered agricultural.

The trade statistics exclude shipments between the 50 States and Puerto Rico, between the 50 States and the island possessions, between Puerto Rico and the island possessions, among the island possessions, and in transit through the United States from one foreign country to another when documented as such by U.S. Customs authorities.

The export statistics also exclude shipments to the U.S. Armed Forces and diplomatic missions abroad for their own use and supplies for vessels and planes engaged in foreign trade. Data on shipments valued at less than \$251 (\$100 prior to October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in nonagricultural and overall export totals. The agricultural export statistics include shipments under Public Law 83-480 (Agricultural Trade Development and Assistance Act), and related laws; under the Foreign Assistance Act of 1961, as amended; and involving Government payments to exporters. (USDA payments are excluded from the export value.) Separate statistics on Government program exports are compiled by the U.S. Department of Agriculture from data obtained from operating agencies.

The export value, the value at the port of exportation, is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port. The country of destination is the country of ultimate destination or where the commodities are to be consumed, further processed, or manufactured. When the shipper does not know the ultimate destination, the shipments are credited to the last country, as known to him at the time of shipment from the United States, to which the commodities are to be shipped in their present form. Since substantial amounts of agricultural commodities such as wheat, corn, and soybeans are transshipped through the Netherlands, West Germany, and Belgium, exports to those countries are overstated. Exports to final destinations including the United Kingdom, France, Spain, East Germany, and other countries are understated. Except for Canada, export shipments valued \$251-\$999 (\$100-\$499 prior to October 1969) are included on the basis of sampling estimates; shipments to Canada valued \$251-\$1,999 (\$100-\$1,999 prior to October 1969) are sampled. Prior to January 1, 1973, shipments of grains and oilseeds to Canada were greatly overstated because of transshipments. After January 1, 1973, shipments to Canada of wheat, rye, barley, oats, corn, soybeans, and flaxseed from certain U.S. ports to certain Canadian ports were designated as exports to "unidentified countries."

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. The import value, defined generally as the market value in the foreign country, excludes import duties, ocean freight, and marine insurance. The country of origin is defined as the country where the commodities were grown or processed. Where the country of origin is not known, the imports are credited to the country of shipment. Low-valued shipments under \$251 are reflected in nonagricultural and overall import totals.



Table 773.—Foreign trade: Value of total agricultural exports and imports, United States, fiscal years 1965-79

Year ending June 30 <sup>1</sup>	Total domestic exports	Agricultural exports <sup>2</sup>			Total imports for con- sumption	Agricultural imports (for consumption)					Excess of do- mestic agricul- tural exports over supple- mentary imports
		Domestic	Per- centage (do- mestic) of total exports	Foreign (re-ex- ports)		Total	Sup- plemen- tary <sup>3</sup>	Com- plemen- tary <sup>3</sup>	Supplementary		
									Per- centage of total agricul- tural exports	Per- centage of total agricul- tural imports	
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Percent</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Million dollars</i>	
1965	26,331	6,097	23	19,731	3,986	2,127	1,859	35	53	3,970	
1966	28,886	6,676	23	23,295	4,454	2,472	1,982	37	56	4,204	
1967	30,819	6,771	22	26,427	4,453	2,667	1,786	39	60	4,104	
1968	32,195	6,311	20	29,613	4,656	2,845	1,811	45	61	3,466	
1969	35,221	5,741	16	34,175	4,931	3,072	1,859	54	62	2,669	
1970	41,059	6,721	16	38,219	5,592	3,451	2,141	51	62	3,270	
1971	43,663	7,758	18	42,724	5,828	3,684	2,144	47	63	4,074	
1972	44,848	8,047	18	50,056	6,048	3,957	2,092	49	65	4,090	
1973	57,815	12,902	22	61,389	7,324	4,707	2,617	36	64	8,195	
1974	84,924	21,293	25	82,503	9,549	6,272	3,277	29	66	15,021	
1975	102,858	21,578	21	101,060	9,579	6,821	2,758	32	71	14,757	
1976	109,389	22,147	20	105,883	10,107	6,289	3,818	28	62	15,858	
(*)	(27,313)	(5,356)	(20)	(31,686)	(2,804)	(1,597)	(1,207)	(30)	(43)	(3,759)	
1977	118,285	23,974	20	142,648	13,357	6,548	6,809	27	49	17,426	
1978	131,196	27,291	21	164,792	13,886	7,314	6,572	27	53	19,977	
1979 <sup>5</sup>	167,606	31,975	19	193,621	16,187	9,075	7,111	28	56	22,900	

<sup>1</sup>Fiscal years July 1—June 30 for 1965-76; Oct. 1—Sept. 30 for 1977-1979.

<sup>2</sup>Includes food exported for relief or charity by individuals and private agencies.

<sup>3</sup>Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Complementary agricultural imports include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

<sup>4</sup>Transition quarter July 1, 1976 to September 30, 1976.

<sup>5</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 774.—Agricultural exports: Quantity indexes, United States, fiscal years 1965-78  
[Calendar year 1967 = 100]

Year ending June 30 <sup>1</sup>	Total agricultural ex- ports <sup>2</sup>	Animals and animal prod- ucts	Meat and meat prod- ucts <sup>3</sup>	Animal fats <sup>3</sup>	Dairy prod- ucts <sup>3</sup>	Poultry and poultry prod- ucts <sup>3</sup>	Cotton and linters	Tobacco unman- ufac- tured	Grains and feeds	Vege- table oils and oilseeds	Fruits and vege- tables
1965	98	130	118	117	240	114	113	84	92	99	95
1966	107	108	101	90	154	120	78	83	117	102	106
1967	104	101	106	96	99	105	115	110	103	95	106
1968	101	96	91	98	95	98	101	100	104	99	91
1969	92	110	129	97	125	92	69	100	85	106	93
1970	106	101	113	99	90	83	75	101	97	148	109
1971	118	125	111	122	90	71	97	104	91	201	111
1972	120	149	130	111	172	95	88	100	88	205	115
1973	154	125	181	106	58	98	126	103	167	184	123
1974	165	130	179	110	39	110	152	121	179	189	136
1975	147	136	189	112	56	104	103	112	156	158	144
1976	167	144	256	84	44	149	86	105	184	195	161
(*)	(160)	(153)	(266)	(104)	(56)	(201)	(92)	(75)	(198)	(131)	(165)
1977	177	170	303	127	53	208	115	114	182	197	184
1978 <sup>5</sup>	204	166	277	119	55	270	146	105	216	264	160

<sup>1</sup>Fiscal years July 1—June 30 for 1965-76; Oct. 1—Sept. 30 for 1977-78.

<sup>2</sup>Based on 90 percent of total value of U.S. agricultural imports in 1967.

<sup>3</sup>Included in "Animals and animal products."

<sup>4</sup>Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>5</sup>Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

**Table 775.—Agriculture imports: Quantity indexes, United States, fiscal years 1965–78**  
*[Calendar year 1967=100]*

Year ending June 30 <sup>1</sup>	Total agricultural imports <sup>2</sup>	Complementary imports <sup>3</sup>	Supplementary imports <sup>3</sup>	Animals and animal products	Dairy products <sup>4</sup>	Hides and skins <sup>4</sup>	Meat and meat products <sup>4</sup>	Wool excluding free in bond <sup>4</sup>	Grains and feeds	Vegetable oils and oilseeds	Sugar, molasses, and sirups	Tobacco unmanufactured
1965 .....	90	95	85	81	62	144	71	124	124	93	82	91
1966 .....	103	111	95	106	69	141	90	166	95	92	83	88
1967 .....	100	98	100	102	113	108	97	104	105	101	101	95
1968 .....	105	104	105	108	94	121	107	115	92	97	102	111
1969 .....	107	103	110	115	122	102	115	100	96	105	103	103
1970 .....	111	104	116	121	116	82	128	81	131	104	107	103
1971 .....	123	106	134	128	129	232	129	50	194	121	117	118
1972 .....	128	113	139	126	121	176	134	32	222	127	122	138
1973 .....	136	117	149	139	155	178	145	31	260	138	113	132
1974 .....	137	115	153	146	301	155	141	13	242	119	121	149
1975 .....	116	95	131	108	128	145	117	12	243	134	102	171
1976 .....	136	117	149	131	144	204	134	35	246	198	98	164
( <sup>5</sup> ) .....	(135)	(108)	(154)	(130)	(152)	(132)	(138)	(35)	(244)	(196)	(122)	(167)
1977 .....	140	107	163	133	172	180	125	40	255	186	113	162
1978 <sup>6</sup> .....	123	96	131	125	145	82	138	25	n.a.	152	104	169

<sup>1</sup> Fiscal years July 1—June 30 for 1965–76; Oct. 1—Sept. 30 for 1977–78.

<sup>2</sup> Based on 85 percent of total value of U.S. agricultural imports in 1967.

<sup>3</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Complementary agricultural imports include all others, about 90 percent of which consist of rubber, coffee, tea, cacao beans, raw silk, wool for carpets, bananas, and vegetable fibers.

<sup>4</sup> Included in "Animals and animal products."

<sup>5</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>6</sup> Preliminary.

n.a. not available.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

**Table 776.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1978**

Commodity	Public Law 480			Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations			Under specified Government programs	Outside specified Government programs <sup>2</sup>	All
	Long-term credit sales <sup>1</sup>	Government-to-government and World Food Program	Voluntary agencies				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Milk, nonfat dry .....		18.2	15.4		33.6	44.0	77.6
Wheat .....	324.5	14.9	24.7	41.5	405.6	3,470.9	3,876.5
Rice .....	149.7	16.2	5.4		171.3	701.3	872.6
Corn .....	40.4	5.2		151.0	196.6	4,873.2	5,069.8
Grain sorghum .....		12.0			12.0	512.2	524.2
Wheat flour .....	106.1	7.1	22.3		135.5	59.9	195.4
Cornmeal .....		6.2	4.2		10.4	9.4	19.8
Sorghum grits .....		3.2	4.1		7.3	9.5	16.8
Bulgar wheat .....	2.8	10.2	52.8		65.8		65.8
Oats, rolled .....		4	5.4		5.8	-4.6	1.2
Blended food products .....		6.6	46.2		52.8	8.6	61.4
Whey soya beverage powder .....			8		8		8
Tobacco, unmanufactured .....	1.1			28.9	30.0	1,101.8	1,131.8
Soybeans .....				87.7	87.7	4,661.3	4,749.0
Cotton, excluding linters .....	10.0				10.0	1,683.7	1,693.7
Tallow, inedible .....				57.9	57.9	428.2	486.1
Soybean oil .....	104.2	8.1	26.1	6.5	144.9	395.9	540.8
Other .....		3.7	15.5	101.8	121.0	7,786.5	7,907.5
Total .....	738.8	112.0	222.9	475.3	1,549.0	25,741.8	27,290.8

See footnotes on page 565.

**Table 777.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1979<sup>1</sup>**

Commodity	Public Law 480			Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations			Under specified Government programs	Outside specified Government programs <sup>3</sup>	All
	Long-term credit sales <sup>2</sup>	Government-to-government and World Food Program	Voluntary agencies				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Milk, nonfat dry .....		9.5	13.3		22.8	4.6	27.4
Variety meats .....				2.4	2.4	235.1	237.5
Wheat .....	428.4	16.6	23.9	1.0	469.9	4,107.0	4,576.9
Rice .....	103.8	14.6	4.1		122.5	761.7	884.2
Corn .....	62.2	10.0	.9	149.8	222.9	5,835.9	6,058.8
Grain sorghum .....		3.7		14.1	17.8	532.9	550.7
Wheat flour .....	93.0	12.1	23.6		129.1	69.3	198.4
Cornmeal .....		5.7	4.6	4.0	14.3	5.4	19.7
Sorghum grits .....		1.7	4.7		6.4	18.3	24.7
Bulgar wheat .....	1.8	7.1	75.1		84.0	.2	84.2
Oats, rolled .....		.4	5.8		6.2	-4.2	2.0
Blended food products .....	.1	8.9	58.5		67.5	-4.5	63.0
Beans and peas, dried .....				.3	.3	129.4	129.7
Soya flour, defatted .....		.4	.1		.5	5.9	6.4
Whey soya beverage powder .....			.5		.5		.5
Tobacco .....	6.7			21.8	28.5	1,263.7	1,292.2
Soybeans .....				67.0	67.0	5,377.4	5,444.4
Cotton, excluding linters .....	14.6				14.6	1,881.6	1,896.2
Tallow, inedible .....				23.0	23.0	599.1	622.1
Soybean oil .....	33.1	35.8	47.6	1.2	117.7	588.0	705.7
Peanut oil .....						12.2	12.2
Other .....	4.3		.3	19.6	23.8	9,114.7	9,138.5
Total .....	748.0	126.5	263.0	304.2	1,441.7	30,533.7	31,975.4

<sup>1</sup> Preliminary. <sup>2</sup> Includes long-term dollar credit and convertible foreign currency sales. <sup>3</sup> Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods, and, for tobacco, sales at less than domestic market prices.

Economics, Statistics, and Cooperatives Service—Economics.

**Table 778.—U.S. agricultural exports: Value under specified Government-financed programs, commercial exports, with and without assistance and total, fiscal years 1974-79<sup>1</sup>**

Type of export	1974	1975	1976	1977	1978	1979 <sup>2</sup>
<b>Public Law 480:</b>	<i>Million dollars</i> ( <sup>3</sup> )	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Credit sales for foreign currency .....						
Long-term dollar and convertible foreign currency credit sales .....	575	762	650	760	739	748
Government-to-government and World Food Program donations .....	147	148	65	92	112	126
Donations through voluntary agencies .....	145	191	192	250	223	263
Foreign Assistance Act of 1961, as amended (AID) .....	76	123	216	419	475	304
<b>Total agricultural exports under specified Government programs .....</b>	<b>943</b>	<b>1,224</b>	<b>1,123</b>	<b>1,521</b>	<b>1,549</b>	<b>1,441</b>
<b>Commercial exports (sales for dollars):</b>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Without assistance .....	19.6	20.0	20.3	21.7	24.2	29.0
With assistance <sup>4</sup> .....	.8	.3	.7	.8	1.6	1.5
<b>Total commercial exports .....</b>	<b>20.4</b>	<b>20.3</b>	<b>21.0</b>	<b>22.5</b>	<b>25.7</b>	<b>30.5</b>
<b>Total exports .....</b>	<b>21.3</b>	<b>21.6</b>	<b>22.1</b>	<b>24.0</b>	<b>27.3</b>	<b>32.0</b>

See footnotes on page 565.

Table 779.—U.S agricultural exports for concessional sales: Estimated market value of agricultural shipments under Title I of Public Law 480 for fiscal years 1978 and 1979<sup>1</sup>

Country	Wheat and flour	Feed grains	Rice	Cotton	Tobacco	Vegetable oils	Dairy products	Other	Total
1978 (year ending Sept. 30, 1978)									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Afghanistan .....	5,371								5,371
Bangladesh .....	49,099		4,653	9,969		21,275			84,996
Bolivia .....	8,863								8,863
Dominican Republic .....		1,500							1,500
Egypt .....	177,797								177,797
Guinea .....	1,700		1,867			1,899			5,466
Guyana .....	413				439	1,144			1,996
Haiti .....	2,509		697			3,280			6,486
India .....						27,793			27,793
Indonesia .....	26,722		124,204						150,926
Israel .....	7,200								7,200
Jamaica .....	3,793	8,459				599			12,851
Jordan .....	6,336								6,336
Korea, Rep. of .....	37,978	25,328							63,306
Lebanon .....	5,885								5,885
Morocco .....	12,168								12,168
Pakistan .....	24,185					35,067			59,252
Peru .....	3,382					7,718			11,100
Portugal .....	4,577	2,194							6,771
Somalia .....	1,156		1,700			2,099			4,955
Sri Lanka .....	34,328								34,328
Sudan .....	10,278								10,278
Syria .....	1,297		6,354						7,651
Tanzania .....			6,499						6,499
Tunisia .....	8,361	2,371			681				10,732
Zaire .....		553	3,772						5,006
Zambia .....						3,288			3,288
Total .....	433,398	40,405	149,746	9,969	1,120	104,162			738,800
1979 (year ending Sept. 30, 1979)									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Bangladesh .....	55,333					6,058			62,391
Bolivia .....	13,228								13,228
Dominican Republic .....	2,616	3,890				6,498			13,004
Egypt .....	229,318								229,318
Ghana .....	5,550	1,299	2,800						9,649
Guinea .....	1,692		2,800			1,499			5,991
Guyana .....	192					2,028			2,220
Haiti .....	2,570		3,473			2,015			8,058
Honduras .....	1,966								1,966
Indonesia .....	37,050		66,733						103,783
Israel .....	5,373								5,373
Jamaica .....	1,000	12,119				906		21,544	15,569
Jordan .....	5,267								5,267
Korea .....	21,679	12,641		8,633					42,953
Lebanon .....					1,729				1,729
Morocco .....	7,266								7,266
Mozambique .....	2,193		1,015						3,208
Pakistan .....	32,935					5,645			38,580
Peru .....	2,729		18,141			5,795			26,665
Philippines .....	10,516			3,380	1,200				15,096
Portugal .....	33,686	30,391	3,800						67,877
Sierra Leone .....	387	100			799				1,286
Somalia .....	3,911		3,004			4,300			11,215
Sri Lanka .....	17,861								17,861
Sudan .....	19,898								19,898
Syria .....	6,860		11,408						18,268
Tunisia .....	6,478	3,075							9,553
Zaire .....	9,977		4,599	6,419	3,980				24,975
Zambia .....	6,338		1,097			3,152			10,587
Total .....	544,869	63,515	118,870	18,432	7,708	37,896		1,544	792,834

See footnotes on page 565.



## FOOTNOTES FOR TABLE 776

<sup>1</sup>Includes long-term dollar and convertible foreign currency sales.

<sup>2</sup>Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods, and, for tobacco, sales at less than domestic market prices.

Economics, Statistics, and Cooperatives Service—Economics.

## FOOTNOTES FOR TABLE 778

<sup>1</sup>Fiscal years July 1—June 30 for 1974-76; Oct. 1—Sept. 30 for 1977-1979.

<sup>2</sup>Preliminary.

<sup>3</sup>Less than \$500,000.

<sup>4</sup>Includes payments in cash or in kind and sales from CCC stocks at less than domestic market prices; loans and guarantees from Export-Import Bank; credits extended by Commodity Credit Corporation; and barter shipments for overseas procurement for U.S. agencies through 1975.

Economics, Statistics, and Cooperatives Service—Economics.

## FOOTNOTES FOR TABLE 779

<sup>1</sup>Estimated market values include values of shipments under P.L. 480 agreements for long-term dollar credit and convertible local currency credit payment provisions. These methods of financing were included in Title I when a revision of the act was signed in 1966 (P.L. 89-808).

<sup>2</sup>Blended foods.

FAS-Program Development Division, Exports Credits.

Table 780.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1975-79<sup>1</sup>

Product	1975	1976	1977	1978	1979 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
All commodities <sup>3</sup> .....	102,858,369	109,388,848	118,285,192	131,196,239	167,605,853
Nonagricultural commodities .....	81,280,054	87,241,920	94,311,296	103,905,436	135,630,431
Agricultural commodities .....	21,578,315	22,146,928	23,973,894	27,290,803	31,975,422
Animals and animal products .....	1,703,777	2,018,651	2,643,989	2,828,251	3,642,719
Animals, live, excluding poultry .....	130,106	119,064	101,400	137,501	160,007
Cattle .....	94,858	85,617	62,535	87,421	81,183
Other .....	35,248	33,447	38,865	50,080	78,824
Dairy products .....	134,476	118,869	169,689	155,809	116,128
Butter and anhydrous milk fat .....	765	662	899	692	1,042
Cheese and curd .....	9,075	10,958	13,508	14,645	15,573
Milk, condensed, or evaporated .....	11,346	15,351	9,740	10,656	12,782
Milk, nonfat dry .....	58,773	35,028	81,732	77,649	27,385
Other .....	54,517	56,870	63,810	52,167	59,346
Fats, oils, and greases .....	486,834	358,481	580,408	573,797	704,788
Lard and other rendered pig fat .....	30,829	26,066	43,487	32,738	28,394
Tallow, inedible .....	392,232	305,510	492,418	486,073	622,140
Other .....	63,773	26,905	44,503	54,986	54,254
Meats and meat preparations .....	341,742	572,729	609,081	688,224	844,111
Beef and veal, except offals .....	52,047	98,648	113,442	172,457	223,041
Pork, except offals .....	115,271	262,962	225,747	180,365	214,687
Offals, edible, variety meat .....	110,057	131,110	164,718	188,957	237,477
Other .....	64,367	80,009	105,174	146,445	168,906
Poultry and poultry products .....	135,013	207,129	300,017	331,763	368,130
Poultry, live:					
Breeding chicks .....	15,009	16,114	19,048	24,094	31,037
Baby chicks, excluding breeding .....	3,742	5,003	4,751	4,826	4,639
Other .....	4,376	8,797	6,808	5,324	5,851
Poultry meat, fresh, frozen:					
Chickens .....	45,042	81,509	144,016	154,849	186,292
Turkeys .....	20,716	42,215	29,878	31,841	36,264
Other .....	6,800	7,960	9,812	10,920	12,401
Eggs .....	29,076	33,293	57,225	75,021	67,447
Other .....	10,252	12,238	28,479	24,888	24,199
Hides and skins, including fur skins .....	411,389	560,749	797,661	821,557	1,302,152
Cattle hides, whole .....	254,684	344,389	531,121	548,913	883,177
Furskins .....	110,015	165,956	207,463	209,785	323,668
Other .....	46,690	50,404	59,077	62,859	95,307
Other animal products .....	64,217	81,629	85,734	119,600	147,402
Hair, animal, excluding wool or fine hair .....	974	767	848	5,500	4,313
Sausage casings .....	19,006	22,630	26,370	23,519	23,779
Wool, unmanufactured, including fine hair .....	18,660	25,740	22,591	25,198	30,050
Other .....	25,577	32,492	35,925	65,383	89,260
Vegetable products .....	19,874,538	20,128,277	21,329,905	24,462,553	28,332,703
Cotton, unmanufactured .....	1,027,921	881,937	1,538,172	1,706,935	1,909,043
Cotton, raw .....	1,016,877	873,004	1,528,814	1,693,725	1,896,193
Linters .....	11,044	8,933	9,358	13,210	12,850
Fruits and preparations .....	648,356	729,787	803,942	976,477	1,042,445
Canned .....	75,304	77,405	93,899	114,423	105,477
Dried .....	88,704	116,833	110,423	151,061	126,292
Fresh .....	381,825	411,905	438,342	530,692	610,989
Fruit juices .....	87,392	109,068	142,091	155,523	171,241
Other .....	15,131	14,576	19,187	24,778	28,446
Nuts and preparations .....	156,550	176,508	223,237	287,707	448,572
Grains and preparations .....	10,942,215	11,296,628	9,290,444	10,909,971	12,609,625
Feed grains and products .....	4,812,898	5,641,293	5,390,886	5,750,663	6,707,024
Feed grains .....	4,762,479	5,597,715	5,345,299	5,699,870	6,657,587
Barley .....	140,642	63,041	204,776	84,126	41,583
Corn .....	3,988,460	4,835,327	4,500,494	5,069,849	6,058,778
Grain sorghum .....	616,308	678,133	630,293	524,193	550,700
Oats .....	17,069	21,214	9,737	21,702	6,526
Other .....	50,419	43,578	45,587	50,793	49,437
Rice .....	1,002,185	540,751	704,125	872,565	884,189
Wheat and products .....	5,000,865	4,976,293	3,054,330	4,138,653	4,862,010
Wheat .....	4,797,015	4,803,431	2,825,390	3,876,490	4,576,863
Wheat flour .....	147,667	131,031	177,744	195,367	198,440
Other wheat products .....	56,183	41,831	51,196	66,796	86,707
Blended food products .....	50,023	51,575	60,899	61,428	62,968
Other .....	76,244	86,716	30,204	36,662	93,434
Feeds and fodders, excluding oilcake and meal .....	288,272	345,188	620,460	574,839	773,711
Corn byproducts .....	85,541	127,862	221,920	237,088	319,756
Alfalfa meal and cubes .....	30,803	22,343	61,121	45,173	60,201
Other .....	171,928	194,983	337,419	292,578	393,754

See footnotes at end of table.

Table 780.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1975-79<sup>1</sup>—Continued

Product	1975	1976	1977	1978	1979 <sup>2</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Vegetable products—Continued					
Vegetables and preparations—Continued					
Oilseeds and products .....	4,852,320	4,642,270	6,388,254	7,440,305	8,554,089
Oilseed cake and meal .....	731,994	774,034	949,688	1,175,812	1,414,638
Soybean oilseed cake and meal .....	692,807	739,698	917,865	1,120,894	1,364,929
Other .....	39,187	34,336	31,823	54,918	49,709
Oilseed .....	3,211,748	3,340,912	4,642,656	5,264,174	5,994,234
Soybeans .....	2,951,232	3,078,140	4,306,554	4,749,049	5,444,382
Other .....	260,516	262,772	336,102	515,125	549,852
Vegetable oils and waxes .....	908,578	527,324	766,521	957,389	1,092,993
Soybean oil .....	702,563	325,926	592,290	540,755	705,677
Other .....	206,015	201,398	174,231	416,634	387,316
Tobacco, unmanufactured .....	910,088	917,260	1,065,316	1,131,794	1,292,243
Flue-cured .....	687,762	683,770	782,821	839,348	959,995
Other .....	222,326	233,490	282,495	292,446	332,248
Vegetable and preparations .....	549,324	556,629	697,161	649,012	756,246
Canned .....	56,277	60,441	76,187	90,308	116,426
Pulses .....	194,198	88,343	113,348	114,875	154,890
Fresh .....	144,479	200,543	244,537	216,114	218,811
Hops, including extract .....	25,696	26,379	29,611	26,780	34,657
Other .....	128,674	180,923	233,478	200,935	231,462
Essential oils .....	59,889	63,420	87,206	84,804	95,875
Seeds, except oilseeds .....	115,962	124,461	152,116	166,425	178,975
Other vegetable products .....	323,641	394,190	463,597	534,284	671,879

<sup>1</sup> Fiscal years July 1-June 30 for 1975-76; Oct. 1-Sept. 30 for 1977-1979.<sup>2</sup> Preliminary.<sup>3</sup> Totals may not add due to rounding.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 781.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1975-79<sup>1</sup>

Product	1975	1976	1977	1978	1979 <sup>2</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
All commodities .....	101,080,420	105,881,197	142,648,066	164,792,020	193,620,900
Nonagricultural commodities .....	91,481,586	95,774,373	129,290,653	150,905,546	177,434,158
Agricultural commodities .....	9,578,834	10,108,824	13,357,413	13,886,474	16,186,742
Supplementary <sup>3</sup> .....	6,820,520	6,289,086	6,547,956	7,314,484	9,075,342
Animals and animal products .....	1,697,229	2,200,344	2,308,865	2,753,300	3,767,609
Animals, live, excluding poultry .....	95,807	198,931	236,047	314,778	355,029
Cattle, dutiable .....	44,146	130,751	167,196	217,733	230,255
Meats and meat products .....	1,052,807	1,370,856	1,289,144	1,596,676	2,475,623
Meats, P.L. 88-482 .....	567,828	722,092	682,886	950,576	1,683,331
Meats, fresh, frozen .....	582,003	737,648	699,545	969,997	1,715,457
Beef and veal .....	570,367	725,486	688,362	955,108	1,689,299
Pork .....	26,895	22,680	15,752	32,714	66,074
Meats, prepared, preserved .....	425,561	539,994	552,422	560,262	646,755
Beef and veal .....	85,802	113,506	132,463	128,142	203,607
Pork .....	333,499	462,110	412,473	422,896	433,114
Mutton, goat, and lamb .....	11,361	20,065	16,449	27,282	40,387
Poultry and products .....	23,389	31,197	82,047	88,092	46,253
Dairy products .....	208,540	243,800	301,365	324,183	388,218
Nonfat dry milk .....	1,567	1,172	741	725	687
Cheese .....	154,731	186,373	222,158	236,969	276,164
Casein and mixtures .....	45,629	47,042	68,869	75,006	100,300
Fats, oils and greases .....	10,927	5,492	5,001	5,735	6,874
Hides and skins .....	141,075	196,044	211,639	240,874	315,631
Sheep and lamb skins .....	54,114	68,786	65,987	69,215	85,429
Furskins .....	71,055	101,340	117,947	141,067	178,978
Wool, unmanuf. excluding free .....	19,727	53,879	60,080	49,796	50,264
Sausage casings .....	36,593	34,627	41,488	47,251	50,877
Other animal products .....	108,363	64,518	77,062	85,914	78,841
Vegetable products .....	5,123,291	4,088,742	4,244,090	4,561,184	5,307,734
Grains and preparations .....	178,616	181,236	171,655	190,425	225,757
Wheat, excluding seed, edible .....	2,221	3,024	3,282	8	209
Barley .....	69,093	53,181	25,066	10,447	1,295
Biscuits, wafers .....	46,887	50,445	59,535	69,322	78,242

See footnotes on page 569.

Table 781.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1975–79<sup>1</sup>—Continued

Product	1975	1976	1977	1978	1979 <sup>2</sup>
Supplementary <sup>3</sup> —Continued					
Vegetable products—Continued					
Fruits and preparations	248,167	256,094	372,646	470,644	646,973
Fresh or frozen	95,439	99,013	140,307	160,893	191,818
Strawberries	30,000	20,010	31,391	28,675	42,815
Prepared or preserved	118,731	128,490	179,126	181,425	231,119
Pineapples	59,821	67,890	88,650	94,459	108,940
Fruit juices	33,996	30,592	55,213	128,314	224,036
Nuts and preparations	135,148	171,615	213,757	200,156	237,926
Vegetables and preparations	376,285	412,100	616,054	767,866	778,296
Fresh or frozen	128,624	146,860	263,294	343,214	374,987
Tomatoes	61,886	67,610	148,051	164,235	155,420
Prepared or preserved	247,661	265,240	352,760	424,652	403,309
Olives	57,031	69,214	76,316	70,927	68,380
Mushrooms, canned	37,561	46,221	66,884	99,146	90,235
Hops and extract equivalent	17,410	17,259	15,559	12,805	16,930
Sugar and related products	2,763,099	1,629,642	1,104,766	1,046,862	1,089,251
Sugar, cane and beet	2,554,203	1,425,069	915,728	880,775	851,621
Molasses inedible	110,421	95,814	93,360	65,948	106,659
Confectionery products	65,639	73,562	58,930	57,295	89,602
Spices	16,571	14,982	15,618	15,092	17,438
Tobacco, unmanufactured	226,491	263,803	314,363	371,459	399,174
Tobacco, filler	156,442	183,825	234,897	266,982	266,942
Tobacco, scrap	46,860	52,614	71,110	94,736	121,229
Beverages, excluding fruit juices	327,423	405,272	547,431	712,342	915,345
Wine	245,141	292,932	384,423	496,456	605,327
Malt beverages	80,941	109,728	160,752	213,579	306,754
Feeds and fodders	46,511	48,843	63,259	65,332	75,172
Oilseeds and products	654,117	535,905	639,326	508,321	668,349
Oilseeds and oilnuts	54,217	60,872	89,365	48,532	57,910
Flaxseed	1,271	1,148	17,566	3,173	13,392
Sesame seed	15,754	17,862	20,632	24,646	32,022
Oils and waxes—vegetables	599,175	472,451	545,004	458,028	607,295
Castor oil	24,940	22,990	43,301	40,039	38,387
Coconut oil	275,502	171,517	254,485	228,879	356,360
Olive oil	41,345	40,850	33,233	36,822	41,427
Palm oil	157,611	179,953	131,588	74,924	72,975
Palm kernel oil	56,723	29,529	42,022	34,828	53,382
Cotton, excluding linters	11,266	25,465	13,531	1,771	2,025
Cotton linters	2,559	2,272	3,922	4,281	4,873
Seeds, field and garden	43,952	42,822	43,294	48,725	49,786
Nursery stock	54,706	60,407	80,136	105,492	133,077
Other vegetable products	38,381	38,283	44,332	52,414	64,290
Complementary <sup>3</sup>	2,758,313	3,817,738	6,809,457	6,571,991	7,111,400
Bananas, fresh	200,796	256,621	309,704	336,498	378,130
Plantains, fresh	6,058	7,546	9,175	12,384	12,463
Coffee, green	1,224,686	2,023,850	3,974,216	3,465,818	3,643,844
Coffee, roasted	16,784	36,795	94,963	79,611	72,915
Coffee, soluble, extracts	91,468	133,844	313,502	190,526	252,307
Cocoa beans	281,847	347,688	475,229	571,342	646,427
Cocoa butter	52,123	64,876	95,491	96,085	140,536
Cocoa, cake, powder etc.	46,107	56,795	167,212	349,719	253,275
Chocolate Preparations	51,863	62,627	139,313	248,308	248,225
Tea, Crude or prepared	86,419	83,636	178,058	112,795	119,272
Spices	82,712	92,365	132,802	132,153	134,983
Pepper, unground, black	32,062	37,424	51,653	50,291	41,660
Vanilla beans	11,398	11,612	28,533	21,572	21,864
Other	39,252	43,329	52,616	60,290	71,469
Rubber, crude, natural:					
Rubber-latex	37,535	35,758	50,838	58,715	63,259
Rubber-dry form	350,813	401,952	570,572	607,217	816,663
Silk, raw	3,882	5,895	3,614	5,355	8,440
Wool, unmanufactured, free	12,621	18,915	32,354	27,972	34,670
Fibers, excluding cotton, jute	47,611	19,235	28,279	28,153	29,651
Essential oils	65,976	52,668	79,149	82,127	94,505
Drugs	75,728	95,262	133,357	137,134	130,605
Other	23,284	21,410	21,629	24,237	24,647

See footnotes on page 569.



Table 782.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1975-79<sup>1 2</sup>

Commodity	1975	1976	1977	1978	1979 <sup>3</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
VARIABLE-LEVY COMMODITIES <sup>4</sup>					
Feed grains .....	1,534,470	1,610,090	1,988,069	1,152,310	1,029,125
Corn .....	1,459,376	1,449,451	1,899,307	1,124,733	1,023,507
Sorghum grain .....	69,286	139,569	54,566	8,589	4,208
Barley .....	2,620	13,813	88,997	4,306	418
Oats .....	3,188	7,257	5,199	14,682	992
Corn byproducts .....	1,845	12,843	213,787	26,416	26,688
Rice .....	58,728	74,611	70,356	99,659	82,547
Rye grain .....	3,809	944	0	0	13
Wheat grain .....	284,803	433,436	126,869	236,194	237,535
Wheat flour .....	845	552	490	632	531
Beef and veal, excluding variety meats ....	2,882	4,497	7,540	4,767	5,094
Pork, excluding variety meats .....	2,404	611	1,150	2,057	4,162
Lard <sup>5</sup> .....	7,479	5,435	16,189	2,428	1,239
Dairy products .....	4,924	6,253	10,302	3,185	3,065
Poultry and eggs .....	20,840	35,500	24,959	28,546	33,797
Live poultry .....	1,636	1,488	1,770	2,816	2,835
Broilers and fryers .....	572	1,994	3,348	2,407	2,830
Stewing chickens .....	38	54	153	60	81
Turkeys .....	15,110	28,336	15,136	17,408	20,344
Other fresh poultry .....	78	78	164	280	973
Eggs .....	3,406	3,550	4,388	5,575	6,734
Other .....	42,169	36,129	58,700	75,444	131,244
Total .....	1,965,198	2,220,901	2,518,411	1,631,638	1,555,040

See footnotes at end of table.

## FOOTNOTES FOR TABLE 781.

<sup>1</sup>Fiscal years July 1-June 30 for 1975-76; Oct. 1-Sept. 30 for 1977-1979.<sup>2</sup>Preliminary.<sup>3</sup>Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such U.S. commodities. Complementary agricultural products include all others, about 98 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 782.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1975-79<sup>1,2</sup>—Continued

Commodity	1975	1976	1977	1978	1979 <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
NONVARIABLE-LEVY COMMODITIES					
Canned poultry <sup>6</sup> .....	426	462	0	647	872
Cotton, excluding linters .....	92,896	32,837	96,618	112,477	149,837
Fruits and preparations .....	121,992	152,640	149,942	173,690	159,316
Fresh fruits .....	53,327	62,565	54,429	54,281	60,453
Citrus .....	45,795	54,285	47,316	39,825	45,931
Oranges and tangerines .....	21,996	23,307	17,135	12,450	12,372
Lemons and limes .....	15,523	12,590	12,624	9,276	10,892
Grapefruit .....	8,215	18,325	17,430	17,798	21,926
Other .....	61	63	127	301	741
Apples .....	2,683	1,694	1,869	4,923	4,495
Grapes .....	1,009	2,018	328	2,582	2,136
Other .....	3,840	4,568	4,916	6,951	7,891
Dried fruits .....	28,606	45,016	39,553	56,490	46,078
Raisins .....	13,429	13,096	12,846	17,190	11,433
Prunes .....	12,868	26,572	21,797	33,650	29,909
Other .....	2,309	5,348	4,910	5,650	4,736
Fruit juices .....	14,568	21,454	29,161	25,078	30,593
Orange .....	10,107	14,496	20,537	17,389	19,645
Grapefruit .....	1,657	2,783	3,944	4,241	6,755
Other .....	2,804	4,175	4,680	3,448	4,193
Canned fruits <sup>7</sup> .....	19,173	19,474	19,575	30,954	17,497
Peaches .....	3,976	4,600	5,399	13,852	5,812
Fruit cocktail .....	3,582	2,519	2,638	2,922	3,336
Pineapple .....	5,994	5,949	5,797	4,662	2,742
Other .....	5,621	6,406	5,741	9,518	5,607
Other fruits .....	6,318	4,131	7,224	6,887	4,695
Vegetables and preparations .....	81,205	112,554	182,456	95,749	102,103
Pulse .....	50,112	32,139	35,772	49,734	44,764
Dried beans .....	31,610	22,780	25,669	44,695	33,227
Dried peas .....	18,502	9,359	6,140	2,609	6,993
Fresh vegetables .....	3,527	16,925	44,289	6,454	6,804
Canned vegetables .....	7,216	8,922	15,775	11,559	14,966
Asparagus .....	578	600	521	574	1,247
Other .....	6,638	8,322	15,254	10,985	13,719
Hops, including extracts .....	1,891	2,731	4,010	1,088	1,419
Other vegetables and preparations .....	18,459	51,837	82,610	26,914	34,150
Hides and skins .....	92,610	134,153	202,394	177,346	292,531
Cattle hides, whole .....	20,478	35,276	73,841	47,596	97,083
Calf and kip skins .....	1,983	2,428	2,481	4,427	7,626
Other .....	70,149	96,449	126,072	125,323	187,822
Oilseeds and products .....	2,024,863	2,134,578	2,712,211	3,047,621	3,310,619
Oilseed cake and meal .....	506,325	489,947	521,046	571,639	654,018
Soybean .....	484,058	467,846	501,637	548,052	622,575
Other .....	22,267	22,101	19,409	23,587	31,443
Oilseeds .....	1,420,097	1,575,906	2,133,272	2,393,121	2,582,544
Soybeans .....	1,313,074	1,476,655	1,982,735	2,112,751	2,256,618
Flaxseed .....	2,487	4,403	44	3,808	157
Other .....	104,536	94,848	150,493	276,562	325,769
Vegetable oils .....	95,283	60,286	47,701	66,821	53,365
Cottonseed .....	9,829	15,620	12,225	4,275	6,012
Soybean .....	4,125	237	1,050	15,750	2,394
Linseed .....	42,820	6,299	2,433	6,484	91
Other .....	38,509	38,130	31,993	40,312	44,868
Tallow .....	67,449	54,337	133,254	113,192	119,372
Tobacco, unmanufactured .....	398,357	361,785	419,649	453,719	566,431
Variety meats, fresh or frozen <sup>8</sup> .....	80,042	89,938	119,766	109,630	125,586
Nuts and preparations .....	83,278	89,141	104,629	143,673	215,496
Corn gluten feed .....	77,693	109,984	182,757	204,887	288,589
Food for relief and charity .....	134	1,707	125	70	36
Other .....	229,464	269,282	270,422	387,260	495,213
Total .....	3,350,409	3,543,398	4,574,223	5,019,961	5,826,001
Total European Community .....	5,315,607	5,764,299	7,092,634	6,651,599	7,381,041

<sup>1</sup> Fiscal years July 1—June 30 for 1975-76; Oct. 1—Sept. 30 for 1977-1979.<sup>2</sup> Not adjusted for transshipments through Canada and Western Europe.<sup>3</sup> Preliminary.<sup>4</sup> Grains, poultry, and pork were subject to variable levies beginning on July 30, 1962; rice on Sept. 1, 1964; and beef and dairy products on Nov. 1, 1964.<sup>5</sup> Lard for food is a variable-levy commodity, while lard for industrial use is bound in the General Agreement on Tariffs and Trade (GATT) at 3 percent ad valorem. U.S. lard is for food use.<sup>6</sup> Although canned poultry, and pork variety meats are subject to variable levies, these cannot exceed the amount of import duties bound in GATT.<sup>7</sup> Variable levy on sugar-added content.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 783.—U.S. agricultural exports: Value by country of destination, total and specified Government programs, fiscal years 1977-79<sup>1</sup>

Country <sup>2</sup>	1977			1978			1979		
	Total agricultural exports	Under specified Government-financed programs <sup>3</sup>	Outside specified Government-financed programs <sup>4</sup>	Total agricultural exports	Under specified Government-financed programs <sup>3</sup>	Outside specified Government-financed programs <sup>4</sup>	Total agricultural exports	Under specified Government-financed programs <sup>3</sup>	Outside specified Government-financed programs <sup>4</sup>
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Japan .....	3,773.5	0	3,773.5	4,159.1	0	4,159.1	5,060.5	0	5,060.5
Netherlands .....	2,178.8	0	2,178.8	2,150.4	0	2,150.4	2,397.9	0	2,397.9
Soviet Union .....	1,063.2	0	1,063.2	1,796.6	0	1,796.6	2,067.7	0	2,067.7
Canada .....	1,570.3	0	1,570.3	1,560.2	0	1,560.0	1,669.5	0	1,669.5
Germany, Fed. Rep. of .....	1,932.6	0	1,932.6	1,459.7	0	1,459.7	1,482.4	0	1,482.4
Korea, Rep. of .....	919.0	76.1	842.9	1,055.4	63.3	992.1	1,386.9	42.1	1,344.8
United Kingdom .....	907.4	0	907.4	937.7	0	937.7	1,075.0	0	1,075.0
Italy .....	836.2	0	836.2	928.7	0	928.7	927.4	0	927.4
Spain .....	594.7	0	594.7	754.8	0	754.8	828.3	0	828.3
Mexico .....	608.4	0	608.4	735.2	0	735.2	971.9	0	971.9
China, Taiwan .....	612.3	0	612.3	729.2	0	729.2	976.6	0	976.6
Egypt .....	563.5	300.3	263.2	552.2	422.6	129.5	567.7	321.2	246.5
Poland .....	311.2	0	311.2	522.9	0	522.9	450.3	0	450.3
France .....	473.8	0	473.8	504.1	0	504.1	687.7	0	687.7
Iran .....	441.9	0	441.9	452.1	0	452.1	489.9	0	489.9
Belgium-Luxembourg .....	535.7	0	535.7	437.9	0	437.9	513.4	0	513.4
Portugal .....	373.8	61.4	312.4	379.6	6.8	372.8	435.9	67.9	368.0
Brazil .....	87.2	1.0	86.2	412.3	0	412.3	444.8	.4	444.4
Venezuela .....	305.1	0	305.1	355.4	0	355.4	447.7	0	447.7
China, Mainland .....	1.2	0	1.2	352.4	0	352.4	884.1	0	884.1
Hong Kong .....	278.7	0	278.7	729.2	0	729.2	350.3	0	350.3
Indonesia .....	238.9	131.8	107.1	334.4	158.2	176.2	274.1	96.5	177.6
Saudi Arabia .....	145.7	0	145.7	283.5	0	283.5	311.7	0	311.7
Israel .....	313.2	341.9	-28.8	270.8	250.1	20.7	312.5	222.8	89.7
India .....	415.1	140.9	274.3	270.7	131.7	139.0	220.4	129.9	90.5
Nigeria .....	221.7	0	221.7	251.1	0	251.1	226.9	0	226.9
Switzerland .....	240.6	0	240.6	234.2	0	234.2	235.3	0	235.3
Pakistan .....	116.1	51.6	64.5	218.4	60.2	158.3	247.0	40.5	206.5
Philippines .....	180.3	48.9	131.4	197.0	15.2	181.8	238.0	28.6	209.4
Denmark .....	192.2	0	192.2	186.5	0	186.5	220.1	0	220.1
Greece .....	160.1	0	160.1	161.4	0	161.4	200.0	0	200.0
Algeria .....	105.8	5.3	100.5	152.3	4.1	148.2	114.3	0	114.3
Chile .....	94.9	17.1	77.8	145.4	5.8	139.6	147.3	8.5	138.8
Morocco .....	70.1	24.7	45.4	144.7	27.9	116.9	68.5	18.5	50.0
Romania .....	118.0	0	118.0	134.0	0	134.0	302.4	0	302.4
Colombia .....	124.6	4.8	119.8	129.7	2.4	127.4	215.9	1.1	214.8
Iraq .....	61.6	0	61.6	125.1	0	125.1	123.3	0	123.3
Peru .....	126.1	4.7	121.4	122.3	17.5	104.8	139.8	39.1	100.7
Dominican Republic .....	101.5	9.2	92.2	122.1	5.1	117.0	159.5	18.4	141.1
Norway .....	120.0	0	120.0	121.6	0	121.6	137.0	0	137.0
Bangladesh .....	108.2	66.5	41.7	119.6	103.9	15.7	141.9	85.1	56.8
Thailand .....	123.4	0	123.4	119.0	0	119.0	150.8	0	150.8
German Dem. Rep. ....	35.2	0	35.2	103.7	0	103.7	228.6	0	228.6
Sweden .....	101.0	0	101.0	100.4	0	100.4	104.7	0	104.7
Australia .....	93.5	0	93.5	92.2	0	92.2	88.2	0	88.2
Yugoslavia .....	52.9	0	52.9	89.5	0	89.5	231.7	0	231.7
Ecuador .....	71.9	1.1	70.8	78.3	2.1	76.2	92.7	2.0	90.7
Jamaica .....	80.5	2.9	77.6	77.7	13.3	64.3	76.7	14.3	62.4
Singapore .....	65.1	0	65.1	77.0	0	77.0	91.4	0	91.4
Czechoslovakia .....	88.1	0	88.1	65.5	0	65.0	144.3	0	144.3
Other countries .....	1,639.1	231.0	1,408.1	1,797.6	258.9	1,538.7	2,614.5	304.6	2,309.9
Total .....	23,973.9	1,521.2	22,452.7	27,290.8	1,549.1	25,741.7	31,975.4	1,441.5	30,533.9

<sup>1</sup> Fiscal years Oct. 1—Sept. 30 for 1977-1979.<sup>2</sup> Not adjusted for transshipments through Canada and Western Europe.<sup>3</sup> Includes Title I long-term credit sales for dollars and convertible foreign currencies and Title II donations for disaster relief and development through government-to-government, World Food Program, and voluntary relief agencies, under P.L. 83-480 (the Agricultural Trade Development and Assistance Act of 1954, as amended), and other legislation. Also includes the Foreign Assistance Act of 1961, as amended.<sup>4</sup> "Agricultural exports outside specified Government-financed programs" (sales for dollars) include in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (1) barter of overseas procurement for U.S. agencies, (2) extension of credit and credit guarantees for relatively short periods through Commodity Credit Corporation and loans and guarantees from the Export-Import Bank and (3) sales of Government-owned commodities at less than Domestic market prices.

Table 784.—Agricultural imports for consumption: Value by country of origin, United States, fiscal years 1977-1979<sup>1</sup>

Country	1977			1978			1979		
	Total	Complemen- tary <sup>2</sup>	Supplemen- tary <sup>2</sup>	Total	Complemen- tary <sup>2</sup>	Supplemen- tary <sup>2</sup>	Total	Complemen- tary <sup>2</sup>	Supplemen- tary <sup>2</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Brazil .....	1,457.8	1,246.8	211.0	1,342.3	997.4	344.9	1,572.5	1,061.6	510.9
Mexico .....	1,014.3	454.0	560.4	999.5	307.0	692.5	1,241.5	452.3	789.2
Australia .....	499.6	1.4	498.2	676.2	1.0	675.2	1,029.0	1.1	1,027.9
Colombia .....	571.4	522.1	49.3	735.9	673.1	62.8	933.8	838.1	95.7
Canada .....	645.4	63.4	582.0	710.2	38.8	671.4	901.4	33.0	868.4
Indonesia .....	598.2	578.9	19.4	552.6	535.8	16.8	775.6	746.5	11.0
New Zealand .....	304.0	23.3	280.7	385.5	19.2	366.3	602.9	24.9	578.0
Philippines .....	610.9	16.5	594.3	533.1	19.6	513.5	568.4	30.5	538.0
Netherlands .....	308.2	83.7	224.5	400.9	157.0	243.9	412.0	121.0	291.0
France .....	293.6	67.7	225.9	344.8	65.8	279.0	395.3	73.4	321.8
Ivory Coast .....	338.1	337.0	1.1	326.3	324.7	1.5	392.5	389.7	2.8
Ecuador .....	295.8	283.4	12.4	372.7	367.7	5.0	378.2	358.8	19.5
Malaysia .....	351.3	203.3	148.0	317.9	225.7	92.2	378.1	262.1	116.0
Dominican Republic .....	457.7	224.0	233.7	416.5	238.8	177.7	367.1	167.1	200.0
Guatemala .....	334.5	221.4	113.1	316.0	247.1	68.9	328.8	287.6	91.2
Italy .....	197.3	4.9	192.4	243.0	6.2	236.8	306.7	6.3	300.4
Germany, Fed. Rep. of ..	194.2	40.5	153.6	268.7	74.1	194.6	294.6	66.1	228.5
Costa Rica .....	240.6	182.9	57.7	235.1	178.6	56.5	294.2	191.9	102.3
Honduras .....	177.0	136.1	40.9	269.0	213.9	55.1	289.5	193.7	95.8
Argentina .....	159.3	11.7	147.7	222.4	13.0	209.4	278.8	12.4	266.4
Denmark .....	238.2	17.5	220.7	254.7	21.2	233.5	275.5	22.5	253.0
El Salvador .....	356.4	328.5	27.9	128.6	92.9	35.7	244.2	205.8	38.4
Spain .....	183.3	18.4	164.8	188.7	11.5	177.3	197.3	14.5	182.8
Peru .....	165.1	108.7	56.5	188.6	142.3	46.3	196.3	154.1	42.2
India .....	180.8	114.0	66.8	152.2	94.8	57.4	182.4	105.6	76.8
Nicaragua .....	106.6	44.9	61.7	142.2	59.7	82.6	179.3	50.5	128.7
Poland .....	134.4	2.6	131.8	139.9	1.6	138.3	162.6	.9	161.7
Turkey .....	139.0	2.9	136.0	143.0	3.4	139.6	155.5	3.1	152.4
China, Taiwan .....	128.4	8.0	120.3	134.3	6.7	127.5	121.3	5.9	115.4
United Kingdom .....	99.7	28.3	71.4	100.1	28.3	71.8	112.1	32.0	80.2
Thailand .....	98.9	59.7	39.2	83.2	41.8	41.3	109.2	55.3	53.8
Paraguay .....	16.6	2.9	13.7	35.8	24.0	11.8	106.3	95.9	10.5
Iran .....	68.8	6.4	62.5	73.6	9.7	63.8	99.0	6.4	92.6
Ethiopia .....	91.8	90.2	1.6	92.6	89.5	3.0	97.9	95.5	2.3
Yugoslavia .....	87.5	1.8	85.7	105.5	3.2	102.2	97.4	2.4	95.0
Nigeria .....	69.9	65.7	4.2	82.3	79.1	3.2	90.6	89.1	1.5
Japan .....	80.5	8.2	72.3	88.6	7.9	80.7	89.0	9.1	79.8
Panama .....	70.0	43.3	26.7	58.4	35.2	23.2	79.3	47.7	31.6
Liberia .....	66.9	66.4	.5	76.3	76.3	( <sup>3</sup> )	79.0	78.6	.4
China, Mainland .....	71.7	19.8	51.9	79.0	19.4	59.6	77.7	27.8	49.8
Malagasy Republic .....	75.8	72.3	3.5	104.1	104.1	( <sup>3</sup> )	73.7	68.8	4.9
Korea, Rep. of .....	49.2	4.4	44.8	58.2	3.7	54.5	68.6	10.3	58.2
Greece .....	54.6	2.5	52.1	57.6	2.0	55.6	67.0	2.3	64.7
Singapore .....	41.7	30.9	10.7	41.0	34.9	6.1	66.6	57.4	9.2
Finland .....	45.7	.1	45.6	50.3	.2	50.1	62.5	.7	61.9
Ghana .....	33.3	33.3	( <sup>3</sup> )	96.9	96.9	( <sup>3</sup> )	61.8	61.8	( <sup>3</sup> )
Switzerland .....	47.3	6.9	40.4	67.1	9.2	57.9	58.5	9.7	48.8
Papua New Guinea .....	63.1	62.8	.3	60.0	59.7	.3	56.4	55.7	.7
Norway .....	37.4	( <sup>3</sup> )	37.3	43.4	( <sup>3</sup> )	43.2	54.6	( <sup>3</sup> )	54.3
Chile .....	26.0	.5	25.5	33.9	.5	33.4	47.1	.4	46.7
Other countries .....	1,329.6	804.6	525.3	1,257.8	707.8	550.6	1,077.1	473.5	622.2
Total <sup>4</sup> .....	13,357.4	6,809.5	6,548.0	13,886.5	6,572.0	7,314.5	16,186.7	7,111.4	9,075.3

<sup>1</sup> Fiscal years Oct. 1—Sept. 30 for 1977-1979.<sup>2</sup> Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all agricultural products interchangeable to any significant extent with such U.S. commodities. Complementary agricultural products include all others, about 98 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.<sup>3</sup> Less than \$50,000.<sup>4</sup> Totals may not add due to rounding.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.



Table 785.—European Community: Value of agricultural imports by origin, 1965–78<sup>1</sup>

Year <sup>2</sup>	United States	EC countries	Other countries	Total
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1965 .....	2,245	5,056	11,298	18,599
1966 .....	2,476	5,323	11,689	19,488
1967 .....	2,143	5,638	11,195	18,976
1968 .....	2,113	6,197	10,838	19,148
1969 .....	2,027	7,418	11,863	21,308
1970 .....	2,487	8,255	12,583	23,325
1971 .....	2,649	9,946	12,823	25,418
1972 .....	2,956	12,500	14,801	30,257
1973 .....	4,872	17,333	20,177	42,382
1974 .....	5,799	21,119	21,891	48,809
1975 .....	6,162	24,429	21,527	52,118
1976 .....	6,689	25,885	24,454	57,028
1977 .....	7,427	29,321	30,292	67,040
1978 .....	8,210	36,294	31,965	76,469

<sup>1</sup>Based on data from the United Nations, Organization for Economic Cooperation and Development, and European Community.

<sup>2</sup>Data on calendar year basis.

Economics, Statistics, and Cooperatives Service—Economics.

Table 786.—Commodity futures: Contracts traded, United States, 1975-1979

Commodity and market	Contract unit	Number of contracts				
		1975	1976	1977	1978	1979
Wheat:						
Total	5,000 bushels	3,068,876	3,889,628	2,629,010	3,596,396	4,941,212
Total	1,000 bushels	363,821	514,048	151,433	205,629	375,975
Wheat, durum:						
Total	5,000 bushels	2,231	471	36	.....	.....
Corn:						
Total	5,000 bushels	4,835,049	4,609,801	5,021,827	6,127,099	8,671,719
Total	1,000 bushels	802,173	418,715	290,268	256,022	323,808
Oats:						
Total	5,000 bushels	159,054	129,789	111,142	217,197	217,889
Soybeans:						
Total	5,000 bushels	3,913,904	5,474,179	7,996,139	8,477,277	9,114,348
Total	1,000 bushels	657,132	700,466	1,104,763	994,532	964,596
Soybean oil:						
Total	60,000 pounds	1,489,720	1,685,819	2,535,046	2,909,284	3,081,646
Soybean meal:						
Total	100 tons	792,227	1,523,711	2,373,453	2,493,066	2,647,821
Coffee 'B':						
Total	32,000 pounds	9	13	.....	.....	.....
Coffee 'C':						
Total	37,500 pounds	71,063	174,486	214,202	163,959	449,799
Sugar, domes:						
Total	112,000 pounds	9,725	.....	.....	.....	.....
Sugar 11:						
Total	112,000 pounds	790,630	984,677	1,065,984	1,016,773	1,792,723
Sugar 12:						
Total	112,000 pounds	1,641	14,052	15,676	21,875	35,474
Cotton 2:						
Total	50,000 pounds	525,103	938,543	826,395	1,155,801	1,689,051
Potatoes, Idaho:						
Total	50,000 pounds	1,974	1,889	4,727	90	1,126
Potatoes, Maine:						
Total	50,000 pounds	795,732	413,021	41,248	.....	.....

Potatoes, rnd., wh.: Total	50,000 pounds	43,649	478,558	453,215	188,868
Orange juice, con.: Total	15,000 pounds	65,846	377,921	285,405	186,018
Lumber: Total	100,000 bd. ft.	256,252	496,691	560,498	649,478
Plywood: Total	76,032 sq. ft.	285,486	368,770	261,483	146,570
Stud Lumber: Total	100,000 bd. ft.	2,320	687	9,365	5,069
Hogs, live: Total	30,000 pounds	1,426,507	1,307,712	1,765,201	1,805,710
Total	15,000 pounds	139,669	159,324	185,927	127,674
Pork, bellies: Total	36,000 pounds	1,443,464	1,358,730	1,439,651	1,514,176
Hams: Total	36,000 pounds	8	.....	.....	.....
Cattle, live: Total	40,000 pounds	2,457,259	2,639,517	5,592,364	7,214,848
Total	20,000 pounds	.....	.....	54,054	208,997
Feeder cattle: Total	42,000 pounds	29,587	133,274	568,728	980,619
Beef, boneless: Total	30,000 pounds	.....	41	.....	.....
Beef, frozen: Total	30,000 pounds	3,396	2,690	5,890	16,704
Broilers, ice-d: Total	28,000 pounds	179,393	64,938	74,684	25,681
Turkeys: Total	36,000 pounds	.....	144	.....	.....
Eggs, fresh: Total	22,500 dozen	142,968	130,042	72,984	21,224
Wool: Total	5,000 pounds	899	3	.....	.....

Futures Industry Association.

Table 787.—Average monthly commitments of reporting and nonreporting traders for principal commodities regulated by the Commodity Futures Trading Commission, 1979<sup>1</sup>

Commodity and market	Contract unit	Reporting (large) traders' commitments classified by them as speculative or hedging										Nonreporting (small) traders and hedging commitments <sup>3</sup>	Total open interest	
		Speculative				Hedging				Total				
		Long or short only		Long and short (spreading) <sup>2</sup>		Total		Long		Short				
		Long	Short	Long	Short	Long	Short	Long	Short	Long	Short			
Wheat:														
All markets		4,972	2,497	9,313	9,313	14,285	11,810	36,194	41,403	50,479	53,213	24,220	74,699	
CROT <sup>5</sup>		4,376	2,265	7,667	8,283	12,043	10,548	15,423	18,963	27,466	29,511	17,973	45,439	
MACE <sup>6</sup>	5,000 bushels	52	0	71	270	123	270	0	0	123	270	466	589	
BOTKC <sup>7</sup>	do	428	230	988	692	1,416	922	15,442	16,465	16,858	17,387	4,021	20,879	
MGE <sup>8</sup>	do	116	2	587	68	703	70	5,329	5,975	6,032	6,045	1,747	7,792	
Corn:														
All markets		12,829	2,853	12,390	12,389	25,219	15,242	82,268	100,139	107,487	115,381	52,382	159,869	
CROT	do	12,758	2,823	12,190	11,961	24,948	14,684	82,267	100,139	107,215	114,823	51,546	158,761	
MACE	do	71	30	200	528	271	558	1	0	272	558	836	1,108	
Oats:														
CROT	do	426	625	519	520	945	1,145	443	3,140	1,388	4,285	4,973	6,361	
Soybeans:														
All markets		9,934	3,696	29,543	29,543	39,477	33,239	39,872	52,796	79,349	86,035	46,554	125,904	
CROT	do	9,911	3,590	29,162	28,774	39,073	32,364	39,872	52,796	78,945	85,160	45,152	124,097	
MACE	do	23	106	381	769	404	875	0	0	404	875	1,402	1,807	
Soybean meal:														
CROT	100 tons	6,459	1,523	9,714	9,714	16,173	11,237	21,844	31,206	38,017	42,443	15,487	53,503	
Soybean oil:														
CROT	60,000 pounds	7,258	1,934	11,446	11,446	18,704	13,380	21,796	34,506	40,500	47,885	17,399	57,899	
Cotton:														
NYCE <sup>9</sup>	100 bales	4,437	1,102	3,616	3,616	8,053	4,718	11,659	25,071	19,712	29,789	17,512	7,436	
Orange juice, frozen concentrated:														
CA, NYCE <sup>10</sup>	15,000 pounds	716	391	809	809	1,525	2,725	4,206	4,697	5,732	5,898	2,633	8,364	
Eggs shell:														
CME <sup>11</sup>	22,500 dozens	55	14	11	11	66	25	56	163	122	188	564	752	
Potatoes:														
(Round white) NYME <sup>12</sup>	50,000 pounds	1,808	1,169	149	149	1,957	1,318	753	2,553	2,710	3,970	4,018	6,728	
Cattle:														
All markets		27,462	8,277	12,461	12,463	39,923	20,740	10,923	29,003	50,846	49,743	48,452	99,298	
(Live beef) CME	40,000 pounds	21,064	6,312	10,169	10,171	31,283	16,483	6,272	24,692	37,506	41,085	41,152	78,657	
(Live feeder) CME	42,000 pounds	6,398	1,965	2,292	2,292	3,690	4,257	4,651	4,401	13,341	8,658	7,300	20,641	
Hogs, live:														
CME	30,000 pounds	4,971	4,795	4,515	4,591	9,486	9,386	747	1,648	10,233	11,034	14,615	24,848	
Pork, frozen bellies:														
CME	36,000 pounds	2,402	4,112	2,335	2,335	4,737	11,184	233	1,718	4,970	8,164	10,205	15,174	



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<sup>1</sup>Commodities covered by the Commodity Exchange Act prior to April 1975. Preliminary.

Average is for three months only for lumber, plywood, broilers, coffee, and sugar.

<sup>2</sup>Effective July 1, 1963, reporting traders began classifying their positions as speculative or hedging; long and short (spreading) positions are derived on a mechanical basis from equal long and short positions reported as speculative.

<sup>3</sup> Derived by subtracting reporting traders' commitments from total open interest.

<sup>4</sup>Number of contracts.

<sup>5</sup>Chicago Board of Trade.

MidAmerica Commodity Exchange.

The Board of Trade of Kansas City, Mo., Inc.

**Minneapolis Grain Exchange.**

New York Cotton Exchange.

Citrus Associates of the New York Cotton Exchange, Inc.

**Chicago Mercantile Exchange.**

12 New York Mercantile Exchange.

13 New York Coffee and Sugar Exchange.

**Commodity Futures Trading Commission.**

Table 788.—Average monthly commitments of reporting and nonreporting traders as percentages of average open interest, for principal commodities regulated by the Commodity Futures Trading Commission, 1979<sup>1</sup>

Commodity and market	Contract unit	Reporting (large) traders' commitments classified by them as speculative or hedging										Nonreporting (small) traders and speculative hedging commitments <sup>3</sup>	Total open interest		
		Speculative				Hedging				Total					
		Long or short only		Long and short (spreading) <sup>2</sup>		Total		Long		Short					
		Long	Short	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>	Long	Short	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>	Long	Short	Per- cent <sup>4</sup>	Per- cent <sup>4</sup>		
Wheat:															
All markets	.....	6.7	3.3	12.5	12.5	19.1	15.8	48.5	55.4	67.6	71.2	32.4	28.8	100.0	
5,000 bushels	.....	9.6	5.0	16.9	18.2	26.5	23.2	33.9	41.7	60.4	64.9	39.6	35.1	100.0	
CBOT <sup>5</sup>	.....	8.8	0	12.1	45.8	20.9	45.8	0	.1	20.9	45.9	79.1	54.1	100.0	
MACE <sup>6</sup>	.....	2.0	1.1	4.7	3.3	6.7	4.4	74.0	78.9	80.7	88.3	19.3	16.7	100.0	
BOTKC <sup>7</sup>	.....	1.5	0	7.5	.9	9.0	.9	68.4	76.7	77.4	77.6	22.6	22.4	100.0	
MGF <sup>8</sup>	.....														
Corn:															
All markets	.....	8.0	1.8	7.8	7.7	15.8	9.5	51.5	62.6	67.2	72.2	32.8	27.8	100.0	
CBOT	.....	8.0	1.8	7.7	7.5	15.7	9.3	51.8	63.1	67.5	72.3	32.5	27.7	100.0	
MACE	.....	6.4	2.7	18.1	47.7	24.5	50.4	.1	0	24.5	50.4	75.5	49.6	100.0	
Oats:															
CBOT	.....	6.7	9.8	8.2	8.2	14.9	18.0	7.0	49.4	21.8	67.4	78.2	32.6	100.0	
Soybeans:															
All markets	.....	7.9	2.9	23.5	23.5	31.4	26.4	31.7	41.9	63.0	68.3	37.0	31.7	100.0	
CBOT	.....	8.0	2.9	23.5	23.2	31.5	26.1	32.1	42.5	63.6	68.6	36.4	31.4	100.0	
MACE	.....	1.3	5.9	21.1	42.6	22.4	48.5	0	0	22.4	48.4	77.6	51.6	100.0	
Soybean meal:															
CBOT	100 tons	12.1	2.8	18.2	18.2	30.3	21.0	40.8	58.3	71.1	79.3	28.9	20.7	100.0	
Soybean oil:															
CBOT	60,000 pounds	12.5	3.3	19.8	19.8	32.3	23.1	37.6	59.6	69.9	82.7	30.1	17.3	100.0	
Cotton:															
NYCE <sup>9</sup>	100 bales	11.9	3.0	9.7	9.7	21.6	12.7	31.3	67.4	53.0	80.0	47.0	20.0	100.0	
Orange juice, frozen concentrated:															
CA, NYCE <sup>10</sup>	15,000 pounds	8.6	4.7	9.7	9.7	18.3	14.4	50.3	56.2	68.5	70.5	31.5	29.5	100.0	
Eggs, shell:															
CME <sup>11</sup>	22,500 dozen	7.3	1.9	1.5	1.5	8.8	3.4	7.4	21.7	16.2	25.0	83.8	75.0	100.0	
Potatoes:															
(Round white) NYME <sup>12</sup>	50,000 pounds	26.9	17.4	2.2	2.2	29.1	19.6	11.2	37.9	40.3	57.5	59.7	42.5	100.0	
Cattle:															
All markets	.....	27.7	8.3	12.5	12.6	40.2	20.9	11.0	29.2	51.2	50.1	48.8	49.9	100.0	
(Live beef) CME	.....	26.8	8.0	12.9	12.9	39.7	20.9	8.0	31.3	47.7	52.2	52.3	47.8	100.0	
(Live feeder) CME	.....	31.0	9.5	11.1	11.1	42.1	20.6	22.5	21.3	64.6	41.9	35.4	58.1	100.0	
Hogs, live:															
CME	30,000 pounds	20.0	19.3	18.2	18.5	38.2	37.8	3.0	6.6	41.2	44.4	58.8	55.6	100.0	
Pork, frozen bellies:															
CME	36,000 pounds	15.8	27.1	15.4	15.4	31.2	42.5	1.5	11.3	32.8	53.8	67.3	46.2	100.0	



**Table 789.—Fish: Catch and disposition of catch in commercial fisheries, United States, 1965–79 (round weight)**

Year	Catch	Disposition			
		Fresh and frozen	Canned	Cured	Byproducts and bait
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1965 .....	4,776	1,750	1,042	76	1,908
1966 .....	4,366	1,601	894	77	1,794
1967 .....	4,055	1,452	1,001	77	1,525
1968 .....	4,160	1,543	1,017	67	1,533
1969 .....	4,337	1,520	993	68	1,756
1970 .....	4,917	1,595	1,150	71	2,101
1971 .....	5,018	1,580	1,019	76	2,343
1972 .....	4,806	1,612	976	70	2,148
1973 .....	4,858	1,715	882	59	2,202
1974 .....	4,967	1,660	1,005	69	2,233
1975 .....	4,877	1,744	907	55	2,171
1976 .....	5,388	1,802	918	55	2,613
1977 <sup>1</sup> .....	5,198	2,025	1,078	55	2,040
1978 <sup>1</sup> .....	6,028	2,237	1,099	52	2,640
1979 <sup>1</sup> .....	6,267	2,394	1,046	94	2,733

<sup>1</sup> Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

**Table 790.—Frozen fishery products: Production, by geographic divisions, 1965–79**

Year	New England	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	Pacific and Alaska	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1965 .....	138,329	5,783	41,206	2,000	38	85,691	93,734	366,781
1966 .....	135,162	4,327	39,790	421	28	75,696	103,225	358,639
1967 .....	108,254	3,516	32,819	1,856	18	90,884	86,984	324,281
1968 .....	126,187	3,609	45,555	1,222	41	104,363	87,450	368,427
1969 .....	101,147	3,248	58,770	69	15	108,913	80,533	352,695
1970 .....	117,625	1,319	59,059	2,931	40	113,697	93,623	388,294
1971 .....	100,522	1,791	58,884	1,366	.....	117,968	81,477	362,008
1972 .....	107,611	3,097	49,257	1,065	20	119,146	88,749	368,945
1973 .....	101,527	15,325	50,544	4,486	2	101,162	137,320	410,366
1974 .....	75,143	20,351	45,719	4,152	12	75,710	118,847	339,934
1975 .....	82,610	10,500	48,340	4,623	2	61,815	91,762	299,652
1976 .....	92,843	7,515	47,661	1,182	80	70,044	102,347	321,672
1977 .....	95,853	7,857	36,006	4,846	367	60,302	140,459	345,690
1978 .....	88,222	3,422	40,167	218	36	49,800	127,381	309,246
1979 .....	66,060	5,442	35,814	.....	390	48,241	112,989	268,936

U.S. Department of Commerce, National Marine Fisheries Service.



Table 791.—Fresh and frozen packaged fish:<sup>1</sup> Production and value, by principal species, United States, 1965–79

Year	Cod		Flounder		Haddock	
	Quantity	Value	Quantity	Value	Quantity	Value
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1965 .....	9,975	3,530	49,586	20,267	40,154	16,286
1966 .....	10,284	3,907	49,542	22,754	40,110	16,966
1967 .....	14,006	5,409	45,287	20,731	34,069	15,376
1968 .....	13,955	5,338	43,384	20,478	22,351	11,162
1969 .....	15,397	6,980	46,229	24,961	13,353	8,492
1970 .....	13,619	7,445	46,657	28,712	8,867	6,925
1971 .....	14,970	9,144	38,325	28,049	6,738	6,633
1972 .....	12,342	9,216	38,580	32,734	5,013	6,794
1973 .....	17,142	13,796	40,322	40,546	6,431	9,104
1974 .....	19,112	16,424	40,956	44,626	8,897	12,105
1975 .....	15,586	14,868	41,974	53,126	8,219	12,347
1976 .....	16,578	19,023	48,227	72,466	4,664	8,293
1977 .....	24,562	27,725	44,587	69,718	14,658	21,294
1978 .....	27,188	35,209	46,338	83,460	17,392	26,210
1979 <sup>2</sup> .....	33,340	45,520	46,982	87,107	19,668	34,059

Year	Ocean perch, Atlantic		Whiting		Other		Total	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
1965 .....	22,696	6,156	2,286	509	44,135	19,566	168,832	66,814
1966 .....	21,664	5,743	2,438	617	41,852	19,549	165,890	69,536
1967 .....	19,477	5,172	1,818	452	38,338	17,196	152,995	64,336
1968 .....	15,556	3,953	2,090	520	38,176	18,917	135,512	60,368
1969 .....	14,618	4,037	895	270	47,121	24,717	137,613	69,457
1970 .....	16,008	4,922	782	267	47,575	26,559	133,508	74,830
1971 .....	18,343	6,075	482	154	49,534	25,390	128,392	75,445
1972 .....	17,540	7,379	156	51	53,012	35,765	126,643	91,939
1973 .....	15,268	8,183	2,750	1,081	51,086	38,661	133,359	111,371
1974 .....	12,093	6,236	1,950	582	52,183	39,455	135,191	119,428
1975 .....	8,397	5,673	926	613	56,821	51,296	131,923	157,923
1976 .....	9,437	8,086	968	613	62,691	58,620	142,585	167,101
1977 .....	10,448	10,108	830	509	65,903	62,468	160,858	191,822
1978 .....	9,232	9,897	767	517	78,132	72,549	179,049	227,842
1979 <sup>2</sup> .....	8,607	10,066	514	386	66,237	66,900	175,348	244,038

<sup>1</sup> Packaged fish represents production of fillets and steaks.<sup>2</sup> Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 792.—Canned fishery products: Production and value, United States, 1965–79

Year	Salmon	Sardine		Tuna and tuna-like fishes	Mackerel <sup>1</sup>	Shrimp	Clam products <sup>2</sup>	Oysters <sup>2</sup>	Other products	Total
		Maine	Pacific							
Production										
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 .....	174,413	29,646	374	359,349	31,655	15,629	67,592	4,033	438,938	1,121,629
1966 .....	209,161	31,182	116	398,694	18,575	14,201	69,795	2,800	443,086	1,187,610
1967 .....	99,473	29,260	(3)	394,841	12,733	16,851	65,741	4,623	574,870	1,198,392
1968 .....	165,490	40,489	.....	400,159	22,294	18,967	61,830	4,557	553,239	1,267,025
1969 .....	122,444	24,402	.....	403,386	17,354	20,729	62,923	2,000	515,043	1,168,281
1970 .....	183,466	18,872	.....	440,455	8,487	25,125	65,493	1,904	602,089	1,345,891
1971 .....	168,452	22,249	.....	444,294	16,517	22,345	70,978	3,387	580,594	1,328,816
1972 .....	96,192	36,540	.....	626,428	13,763	23,795	80,145	2,798	720,852	1,600,513
1973 .....	71,772	23,284	.....	646,421	2,851	25,228	90,770	2,058	784,973	1,647,357
1974 .....	87,791	25,131	.....	668,134	3,779	22,121	88,276	1,979	656,795	1,554,006
1975 .....	78,086	26,008	.....	542,491	9,738	12,407	75,972	2,402	638,759	1,385,863
1976 .....	127,611	24,971	.....	602,505	6,643	20,021	64,422	1,159	720,448	1,567,780
1977 .....	150,823	23,496	.....	557,503	30,890	24,525	73,482	1,027	574,597	1,436,343
1978 .....	164,279	26,376	.....	708,973	32,496	16,806	73,079	600	592,879	1,615,488
1979 <sup>4</sup> .....	151,086	30,369	.....	623,934	26,191	10,422	81,795	461	523,440	1,447,698
Value										
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965 .....	122,744	10,868	71	233,370	4,997	20,655	18,097	3,701	80,728	495,231
1966 .....	136,075	12,262	25	272,068	3,346	21,973	21,125	3,201	93,633	563,708
1967 .....	76,121	13,862	(3)	264,056	2,363	24,332	21,726	6,152	116,951	525,563
1968 .....	118,015	19,297	.....	270,569	4,098	29,444	20,444	5,624	116,417	583,908
1969 .....	90,286	11,512	.....	299,636	3,317	27,730	22,045	2,164	118,843	575,533
1970 .....	138,673	11,227	.....	382,024	1,534	37,277	25,661	2,102	143,262	741,760
1971 .....	137,822	10,856	.....	416,552	3,076	33,648	26,344	4,814	137,485	770,597
1972 .....	90,409	23,877	.....	637,463	2,618	38,396	27,263	4,292	174,383	998,701
1973 .....	111,105	15,688	.....	711,757	540	55,234	38,103	3,688	231,045	1,167,160
1974 .....	137,005	21,745	.....	829,619	921	44,370	43,106	3,266	225,815	1,305,847
1975 .....	115,291	24,917	.....	662,702	2,614	27,650	41,773	4,065	192,933	1,071,945
1976 .....	205,318	24,478	.....	856,404	2,085	48,815	39,298	2,548	250,747	1,429,693
1977 .....	243,340	27,205	.....	917,249	11,869	71,336	64,521	2,687	236,482	1,574,689
1978 .....	248,553	35,641	.....	1,273,260	9,751	48,794	64,670	1,337	231,021	1,913,027
1979 <sup>4</sup> .....	277,131	44,818	.....	1,109,548	7,690	42,079	68,384	1,062	217,194	1,767,906

<sup>1</sup> Beginning 1971, figures contain only Jack mackerel.<sup>2</sup> Represents the net weight of canned products. In the classifications, "Clam products," "Oysters," and "Other products," the weight of any chowders, soups, and juices includes the weight of the entire mixture, which may contain potatoes and other vegetables, etc.<sup>3</sup> Included in "Other products," beginning 1967.<sup>4</sup> Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 793.—Fishery product: United States imports for consumption, 1975-79

Class and item	Unit	1975		1976		1977		1978		1979	
		Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars
Edible fishery products:											
Fresh or frozen:											
Fish, fish-water and salt-water:											
Whitefish:	1,000 pounds	8,419	5,637	8,194	6,144	9,049	6,964	11,347	6,589	7,556	7,425
Yellow pike	do	6,687	5,521	6,489	6,971	6,247	6,336	6,345	6,948	7,253	8,954
Cod, haddock, hake, pollock, and cusk	do	12,772	4,023	13,002	4,865	10,098	4,047	9,310	3,655	14,197	5,849
Halibut	do	7,966	8,036	7,400	9,920	6,510	9,086	6,955	10,779	4,119	7,407
Salmon	do	9,250	11,489	7,742	13,645	5,708	10,794	6,617	13,562	5,022	11,390
Sea berring	do	99,189	5,118	76,517	5,521	70,720	8,876	72,005	5,482	40,069	1,857
Tuna	do	476,324	119,456	603,793	246,464	629,476	320,452	801,560	320,591	747,779	315,860
Fileted, skinned and boned	do	681,427	395,698	792,045	547,994	793,248	663,080	830,035	744,097	835,638	807,796
Other	do	85,906	34,898	74,198	35,797	74,944	42,104	88,283	49,319	90,234	57,334
Shellfish:											
Clams	do	1,436	919	2,132	1,481	2,989	2,490	4,315	3,392	4,524	3,841
Lobsters	do	58,070	138,564	64,351	240,737	60,019	250,302	58,134	265,287	60,680	298,468
Shrimp	do	200,339	344,552	227,460	490,693	225,208	488,326	195,476	418,354	220,216	708,008
Other	do	31,339	49,236	41,400	73,095	44,713	72,004	48,088	108,006	52,256	116,866
Canned fish and shellfish:											
Anchovies	do	4,893	6,271	5,993	8,899	5,696	11,799	6,415	10,690	5,056	8,342
Sardines	do	31,108	24,907	53,373	36,517	50,006	37,461	48,717	40,070	49,756	43,978
Tuna, bonito, and yellowtail	do	51,782	46,327	59,014	67,627	36,006	46,680	52,169	64,186	49,074	66,362
Lobsters	do	2,104	10,947	2,865	13,893	2,894	15,670	3,420	15,670	1,325	11,636
Other	do	76,969	64,006	102,575	85,453	86,133	93,956	86,539	108,359	97,445	121,920
Cured fish, dried, pickled, salted, smoked or kippered	do	60,307	38,705	75,377	49,171	62,016	48,947	69,483	61,583	64,750	65,318
Other fish and shellfish	do	6,819	2,840	3,641	1,851	4,510	4,142	7,850	4,103	6,740	4,462
Total edible products	do	1,913,089	1,367,180	2,228,475	1,916,948	2,177,010	2,078,492	2,410,512	2,253,142	2,369,369	2,668,051
Nonedible fishery products:											
Fish and marine animal oils	1,000 gallons	1,852	3,207	3,109	4,459	2,277	4,122	2,552	5,322	2,457	6,002
Fish scrap and meal	1,000 tons	118	23,576	140	32,372	81	26,488	44	12,577	90	29,616
Other nonedible products	do	.....	243,136	.....	378,166	.....	513,777	.....	805,141	.....	1,107,277
Total nonedible products	do	.....	269,919	.....	415,497	.....	544,387	.....	823,040	.....	1,142,895
Grand total	do	.....	1,637,099	.....	2,332,345	.....	2,622,879	.....	3,076,182	.....	3,810,946

U.S. Department of Commerce, National Marine Fisheries Service Compiled from reports of the Bureau of the Census.

1 Excludes loins and discs, included with other.

Table 794.—Domestic fishery products: United States exports, 1975-79

Class and item	Unit	1975		1976		1977		1978		1979	
		Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars
Edible fishery products:											
Fresh or frozen:											
Fish:											
Cod, haddock, hake, pollock, and cusk	1,000 pounds	2,839	1,347	3,275	2,327	69,844	125,396	125,771	276,256	144,365	311,594
Salmon	do	48,229	66,863	41,922	75,645	110,823	54,205	101,280	72,347	152,396	128,823
Other	do	57,624	24,048	75,867	33,549	28,089	60,731	34,801	88,184	28,934	87,392
Shellfish:											
Shrimp	do	28,078	54,081	23,296	57,023	28,089	60,731	34,801	88,184	28,934	87,392
Other	do	22,239	27,433	30,320	44,140	48,365	81,324	85,871	188,272	116,956	219,161
Canned:											
Fish:											
Mackerel	do	560	120	489	107	1,244	327	9,560	10,446	8,357	11,142
Salmon	do	22,504	34,552	19,588	33,865	21,275	34,031	32,513	49,240	50,719	91,916
Sardines	do	2,161	1,774	1,829	1,556	1,196	855	1,555	1,633	1,590	1,180
Other	do	6,547	7,865	11,054	12,099	11,000	14,503	3,428	4,495	1,794	3,566
Shellfish:											
Shrimp	do	6,223	10,263	7,769	14,685	8,966	18,066	5,984	12,084	5,469	12,391
Other	do	4,756	6,726	4,200	7,133	8,860	9,323	12,652	12,426	10,901	12,736
Cured:											
Miscellaneous fish	do	10,009	30,153	13,068	44,819	23,081	73,892	34,336	115,385	31,451	138,877
Miscellaneous shellfish	do	124	269	285	767	326	722	530	986	648	1,426
Total edible products	do	218,152	257,360	240,866	329,810	331,059	473,375	448,311	831,654	553,580	1,020,204
Nonedible fishery products:											
Fish oils	do	191,843	27,849	179,235	29,946	90,633	18,107	222,012	42,340	193,497	39,571
Whale and sperm oil	do	1,316	288	.....	.....	5,503	1,672	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Furs, fur-seal, dressed or dyed	1,000 pieces	47	2,919	67	5,107	32	32	22	1,866	23	2,450
Shells, unmanufactured	1,000 pounds	7,580	4,396	9,887	2,842	12,800	19,875	10,562	4,685	12,294	5,744
Other nonedible	do	.....	.....	.....	16,985	.....	.....	.....	24,989	.....	14,397
Total nonedible products	do	.....	37,369	.....	54,880	.....	47,121	.....	73,880	.....	62,162
Grand total	do	.....	304,729	.....	384,690	.....	520,496	.....	905,534	.....	1,082,366

<sup>1</sup> Not available.

U.S. Department of Commerce, National Marine Fisheries Service. Compiled from reports of the Bureau of the Census.



Table 795.—Industrial fishery: Production, United States, 1965-79

Year	Marine animal scrap and meal						Marine animal body, liver, and viscera oil	
	Menhaden dried scrap and meal	Herring meal	Tuna and mackerel meal	Other meal dried and green scrap	Total scrap and meal		Menhaden oil	Herring oil
					Amount	Value		
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 dollars</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1965 .....	175,959	12,932	25,399	39,761	254	35,707	22,607	1,100
1966 .....	134,954	11,860	25,290	51,717	224	32,315	18,606	1,017
1967 .....	119,135	9,492	25,487	57,075	211	26,038	13,082	732
1968 .....	143,154	15,411	28,781	47,790	235	30,261	19,615	1,230
1969 .....	159,493	6,563	26,870	59,738	253	39,823	19,246	450
1970 .....	188,550	6,415	26,674	47,558	269	46,353	24,037	702
1971 .....	220,996	5,189	29,287	37,340	293	44,501	31,489	756
1972 .....	193,580	5,487	43,226	42,213	286	48,289	21,543	653
1973 .....	188,786	4,457	43,635	50,639	288	119,905	25,870	222
1974 .....	203,859	3,191	48,244	45,420	301	84,380	28,006	( <sup>1</sup> )
1975 .....	191,443	3,581	37,209	58,198	290	65,545	27,519	206
1976 .....	212,553	4,338	40,059	52,744	309	96,815	24,052	268
1977 .....	193,268	2,294	39,228	47,501	282	97,239	14,987	57
1978 .....	276,546	3,159	50,603	32,602	363	121,207	36,649	173
1979 <sup>2</sup> .....	280,813	n.a.	47,391	45,614	374	134,626	32,432	n.a.

  

Year	Marine animal body, liver, and viscera oil—Continued						Value of—		
	Tuna and mackerel oil	Whale and sperm oil	Liver and viscera oil	Other marine animal oils	Total oils		Shell products	Other by-products	Grand total
					Amount	Value			
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	619	344	( <sup>1</sup> )	548	25,218	14,852	5,576	26,695	82,830
1966 .....	530	176	.....	838	21,167	12,521	5,132	23,085	73,053
1967 .....	673	320	.....	986	15,793	6,112	4,933	23,944	61,027
1968 .....	587	309	.....	720	22,461	7,327	4,651	27,888	70,127
1969 .....	549	224	.....	1,439	21,908	9,326	4,170	35,893	89,212
1970 .....	456	88	.....	1,308	26,591	18,185	<sup>3</sup> 3,409	31,593	99,540
1971 .....	637	54	.....	1,316	34,252	20,831	4,128	37,091	106,551
1972 .....	649	.....	.....	1,470	23,315	13,117	4,210	90,366	155,982
1973 .....	954	.....	.....	19,939	28,985	25,563	4,015	53,545	202,828
1974 .....	880	.....	.....	1,821	30,707	49,216	4,651	60,587	198,834
1975 .....	831	.....	.....	3,141	31,697	32,603	5,847	58,302	162,297
1976 .....	818	.....	.....	1,260	26,398	31,156	6,085	50,694	184,750
1977 .....	491	.....	.....	1,650	17,185	28,239	6,708	58,386	190,572
1978 .....	562	.....	.....	n.a.	38,230	600,701	4,465	64,550	250,923
1979 <sup>2</sup> .....	698	.....	.....	n.a.	34,537	54,108	( <sup>4</sup> )	74,676	263,410

<sup>1</sup> Included with "Other meal dried and green scrap" or other oils.<sup>2</sup> Preliminary.<sup>3</sup> Beginning with 1970, data for oystershell products only.<sup>4</sup> Included with other byproducts.

n.a. Not available

U.S. Department of Commerce, National Marine Fisheries Service.

Table 796.—Refrigerated warehouses: Total gross space Oct. 1, by type of plant, United States, biennially, 1953-79<sup>1</sup>

Year	Public cold storage only	Private and semiprivate cold storage	Meat-packing establishments	Total all types <sup>2</sup>
	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.
1953 .....	466,470	202,491	79,089	748,050
1955 .....	498,599	245,850	68,568	813,017
1957 .....	545,061	294,174	62,162	901,397
1959 .....	569,199	325,813	50,872	945,384
1961 .....	595,463	379,355	51,985	1,026,803
1963 .....	633,447	428,250	50,372	1,112,069
1965 .....	683,972	473,515	45,908	1,203,390
1967 .....	734,804	517,468	41,833	1,294,105
1969 .....	762,203	554,611	35,932	1,352,746
1971 .....	774,265	624,442	28,272	1,426,979
1973 .....	828,691	686,477	( <sup>3</sup> )	1,515,168
1975 .....	875,292	754,772	.....	1,630,064
1977 .....	893,589	784,943	.....	1,678,532
1979 .....	940,005	912,460	.....	1,852,464

<sup>1</sup> Warehouse space is defined as all space artificially cooled to temperatures of 50°F. or less, in which food commodities are held for 30 days or longer.

<sup>2</sup> Totals may not add due to rounding.

<sup>3</sup> Included in "Private and semiprivate cold storage," beginning 1973.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 797.—Refrigerated warehouses: Total gross space, by States, Oct. 1, 1979<sup>1</sup>

State	Gross space	State	Gross space	State	Gross space	State	Gross space
	1,000 cu. ft.		1,000 cu. ft.		1,000 cu. ft.		1,000 cu. ft.
Ala .....	7,553	Ind .....	19,477	Nebr .....	21,375	S. Dak .....	2,710
Alaska .....	6,411	Iowa .....	32,310	Nev .....	1,017	Tenn .....	25,152
Ariz .....	5,990	Kans .....	38,517	N.H .....	5,046	Texas .....	62,042
Ark .....	9,063	Ky .....	7,064	N.J .....	41,299	Utah .....	19,135
Calif .....	216,115	La .....	6,007	N. Mex .....	1,357	Vt .....	3,475
Colo .....	11,364	Maine .....	20,097	N.Y .....	101,740	Va .....	46,722
Conn .....	6,191	Md. and D.C. ...	17,537	N.C .....	9,515	Wash .....	238,673
Del .....	4,027	Mass .....	48,084	Ohio .....	45,526	W. Va .....	10,629
Fla .....	148,798	Mich .....	72,085	Okla .....	7,681	Wis .....	64,995
Ga .....	47,780	Minn .....	43,469	Oreg .....	103,640	Other States ...	7,794
Hawaii .....	3,865	Miss .....	3,785	Pa .....	61,082		
Idaho .....	35,081	Mo .....	45,162	R.I .....	2,165	U.S .....	1,852,464
Ill .....	55,755	Mont .....	198	S.C .....	7,449		

<sup>1</sup> Only those States having 3 or more warehouses are listed separately.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 798.—Alaska crops: Acreage harvested, 1965-79

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1965	600	1,600	1,200	5,700	3,100	1,200	780	145
1966	400	1,600	1,400	6,800	2,500	1,400	710	155
1967	600	1,800	1,200	7,500	2,400	1,400	690	180
1968	900	1,900	900	7,000	2,100	1,400	620	285
1969	500	1,200	1,100	7,000	1,600	1,400	620	250
1970	500	1,500	1,400	6,600	1,500	1,400	610	200
1971	200	3,100	1,900	5,100	2,200	2,000	630	205
1972	500	2,800	2,400	5,500	1,900	1,900	550	170
1973	600	3,100	2,200	8,500	1,200	1,700	500	165
1974	400	1,100	3,200	9,400	1,100	1,700	570	155
1975	400	1,500	3,600	10,800	1,000	1,800	530	165
1976	300	1,300	3,300	10,400	1,000	1,500	510	175
1977	400	2,600	2,100	10,200	1,000	1,400	520	162
1978	600	4,000	2,300	9,900	900	1,500	440	198
1979 <sup>2</sup>	300	5,800	1,000	9,800	700	1,700	460	220

<sup>1</sup>Excludes greenhouse-grown vegetables. <sup>2</sup>Preliminary.

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Table 799.—Alaska crops: Volume harvested, 1965-79

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Cwt.</i>	<i>Cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Cwt.</i>	<i>Cwt.</i>
1965	13,400	32,300	2,200	6,600	17,700	4,000	131,000	14,500
1966	10,200	34,600	2,100	9,200	14,300	4,000	111,500	15,500
1967	14,800	36,300	1,900	11,200	14,600	4,900	138,000	18,200
1968	15,000	27,400	1,100	8,800	12,800	5,600	114,700	24,800
1969	4,800	14,400	1,000	6,700	5,700	4,500	71,300	16,300
1970	7,200	22,300	1,500	7,900	7,400	6,200	106,800	15,900
1971	3,800	21,600	2,600	4,600	13,300	6,200	110,300	18,100
1972	4,800	24,900	3,000	11,500	10,700	8,600	99,000	14,000
1973	8,100	48,400	2,600	12,200	6,400	6,400	102,500	13,700
1974	3,200	18,200	4,000	11,800	5,900	6,600	90,500	16,000
1975	5,400	33,600	7,100	14,300	4,800	10,400	108,700	16,300
1976	3,800	32,200	6,100	12,500	4,500	6,700	91,000	18,800
1977	6,300	60,500	3,500	17,100	3,900	7,700	115,000	19,300
1978	9,200	72,000	4,700	16,700	5,300	6,800	81,000	19,900
1979 <sup>2</sup>	5,000	137,800	1,600	14,200	4,200	8,200	85,000	23,500

<sup>1</sup>Excludes greenhouse-grown vegetables. <sup>2</sup>Preliminary.

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Table 800.—Alaska crops: Value of production, 1965-79

Year	Oats for grain	Barley for grain	All hay	All silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1965	57,000	131,000	528,000	412,000	756,000	203,000
1966	42,000	140,000	655,000	329,000	619,000	218,000
1967	62,000	144,000	721,000	312,000	642,000	228,000
1968	68,000	117,000	545,000	276,000	654,000	297,000
1969	17,000	53,000	539,000	184,000	378,000	193,000
1970	29,000	88,000	705,000	245,000	705,000	255,000
1971	17,000	83,000	576,000	351,000	772,000	319,000
1972	21,000	101,000	1,160,000	367,000	941,000	291,000
1973	58,000	363,000	1,332,000	320,000	1,179,000	282,000
1974	27,000	158,000	2,054,000	500,000	1,122,000	381,000
1975	44,000	287,000	2,782,000	532,000	1,304,000	390,000
1976	30,000	261,000	2,325,000	391,000	1,092,000	447,000
1977	51,000	479,000	2,781,000	433,000	1,323,000	439,000
1978	79,000	570,000	2,652,000	457,000	932,000	539,000
1979 <sup>2</sup>	41,000	861,000	2,054,000	477,000	978,000	657,000

<sup>1</sup>Excludes greenhouse-grown vegetables. <sup>2</sup>Preliminary.

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